

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
 Data File : VN077314.D
 Acq On : 12 Apr 2023 17:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 13 01:15:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/13/2023
 Supervised By : Semsettin Yesilyurt 04/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	502914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	972714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	880912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	399106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	348312	50.675	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.340%			
35) Dibromofluoromethane	8.172	113	310253	49.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.640%			
50) Toluene-d8	10.572	98	1255442	50.082	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.160%			
62) 4-Bromofluorobenzene	12.854	95	435274	52.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	286407	44.619	ug/l	98
3) Chloromethane	2.372	50	328645	41.315	ug/l	97
4) Vinyl Chloride	2.525	62	478200	44.339	ug/l	99
5) Bromomethane	2.949	94	329864	42.189	ug/l	93
6) Chloroethane	3.125	64	310358	40.323	ug/l	96
7) Trichlorofluoromethane	3.502	101	716734	76.643	ug/l	99
8) Diethyl Ether	3.972	74	184783	47.153	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.378	101	280639	49.036	ug/l	98
10) Methyl Iodide	4.601	142	349263	50.179	ug/l	93
11) Tert butyl alcohol	5.525	59	295057	210.373	ug/l	99
12) 1,1-Dichloroethene	4.348	96	273637	46.448	ug/l	97
13) Acrolein	4.190	56	260243	195.915	ug/l	99
14) Allyl chloride	5.031	41	362072	40.692	ug/l	92
15) Acrylonitrile	5.725	53	700501	225.918	ug/l	100
16) Acetone	4.437	43	575383	227.039	ug/l	95
17) Carbon Disulfide	4.725	76	713278	44.899	ug/l	99
18) Methyl Acetate	5.037	43	429973	44.547	ug/l	97
19) Methyl tert-butyl Ether	5.801	73	1020635	48.825	ug/l	99
20) Methylene Chloride	5.284	84	324653	45.360	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	310314	48.108	ug/l	98
22) Diisopropyl ether	6.678	45	878568	49.251	ug/l	99
23) Vinyl Acetate	6.613	43	2856335	236.813	ug/l	98
24) 1,1-Dichloroethane	6.578	63	550342	47.776	ug/l	98
25) 2-Butanone	7.489	43	901287	219.127	ug/l	98
26) 2,2-Dichloropropane	7.495	77	551053	52.169	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	387683	49.217	ug/l	100
28) Bromochloromethane	7.819	49	234130	50.528	ug/l	99
29) Tetrahydrofuran	7.848	42	587468	222.190	ug/l	97
30) Chloroform	7.972	83	618414	50.343	ug/l	97
31) Cyclohexane	8.260	56	488729	45.759	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	555921	49.761	ug/l	97
36) 1,1-Dichloropropene	8.378	75	451556	49.030	ug/l	98
37) Ethyl Acetate	7.566	43	382923	46.471	ug/l	99
38) Carbon Tetrachloride	8.366	117	477895	50.648	ug/l	98
39) Methylcyclohexane	9.607	83	622567	50.131	ug/l	99
40) Benzene	8.607	78	1394454	48.542	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
 Data File : VN077314.D
 Acq On : 12 Apr 2023 17:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 13 01:15:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/13/2023
 Supervised By :Semsettin Yesilyurt 04/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	203639	45.976	ug/l	98
42) 1,2-Dichloroethane	8.678	62	448188	50.693	ug/l	99
43) Isopropyl Acetate	8.689	43	677349	44.548	ug/l	99
44) Trichloroethene	9.354	130	352131	51.231	ug/l	97
45) 1,2-Dichloropropane	9.625	63	343921	50.410	ug/l	99
46) Dibromomethane	9.713	93	254564	49.524	ug/l	98
47) Bromodichloromethane	9.889	83	506640	49.312	ug/l	96
48) Methyl methacrylate	9.683	41	296455	45.705	ug/l	96
49) 1,4-Dioxane	9.701	88	143376	911.734	ug/l	94
51) 4-Methyl-2-Pentanone	10.448	43	2018770	229.698	ug/l	99
52) Toluene	10.636	92	945375	50.279	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	565192	50.660	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	596049	50.157	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	360064	48.783	ug/l	96
56) Ethyl methacrylate	10.877	69	557816	48.521	ug/l	100
57) 1,3-Dichloropropane	11.166	76	608176	49.875	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	825201	241.130	ug/l	98
59) 2-Hexanone	11.201	43	1490740	227.676	ug/l	100
60) Dibromochloromethane	11.366	129	394040	51.835	ug/l	97
61) 1,2-Dibromoethane	11.472	107	368914	50.076	ug/l	100
64) Tetrachloroethene	11.107	164	267777	49.207	ug/l	95
65) Chlorobenzene	11.895	112	988016	50.944	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	357314	48.692	ug/l	98
67) Ethyl Benzene	11.966	91	1816095	50.745	ug/l	99
68) m/p-Xylenes	12.077	106	1423356	101.219	ug/l	99
69) o-Xylene	12.401	106	704962	50.817	ug/l	99
70) Styrene	12.413	104	1153733	51.681	ug/l	99
71) Bromoform	12.583	173	262238	50.766	ug/l #	99
73) Isopropylbenzene	12.701	105	1832697	47.277	ug/l	99
74) N-amyl acetate	12.501	43	629548	42.854	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	546248	44.902	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	401530m	42.249	ug/l	
77) Bromobenzene	12.983	156	369858	46.924	ug/l	98
78) n-propylbenzene	13.042	91	2125076	49.614	ug/l	100
79) 2-Chlorotoluene	13.130	91	1220333	47.317	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1521696	49.148	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	188650	44.669	ug/l	93
82) 4-Chlorotoluene	13.224	91	1195329	49.157	ug/l	99
83) tert-Butylbenzene	13.442	119	1301409	47.222	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	1509770	49.358	ug/l	100
85) sec-Butylbenzene	13.618	105	1934927	50.379	ug/l	100
86) p-Isopropyltoluene	13.736	119	1582491	52.426	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	737088	50.547	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	713622	49.625	ug/l	99
89) n-Butylbenzene	14.060	91	1371544	54.733	ug/l	99
90) Hexachloroethane	14.336	117	318210	48.214	ug/l	96
91) 1,2-Dichlorobenzene	14.113	146	714167	48.955	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	100527	43.603	ug/l	96
93) 1,2,4-Trichlorobenzene	15.371	180	317511	60.293	ug/l	99
94) Hexachlorobutadiene	15.471	225	150386	49.334	ug/l	97
95) Naphthalene	15.589	128	1162820	58.780	ug/l	100
96) 1,2,3-Trichlorobenzene	15.760	180	295700	58.704	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
Data File : VN077314.D
Acq On : 12 Apr 2023 17:12
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

Quant Time: Apr 13 01:15:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
Data File : VN077314.D
Acq On : 12 Apr 2023 17:12
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 13 01:15:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/13/2023
Supervised By : Semsettin Yesilyurt 04/13/2023

