

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080829.D
 Acq On : 30 Jan 2024 21:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 31 02:15:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	116038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107296	53.449	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.900%			
35) Dibromofluoromethane	8.171	113	75124	51.808	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.620%			
50) Toluene-d8	10.565	98	297318	52.387	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.780%			
62) 4-Bromofluorobenzene	12.847	95	102486	51.820	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	81334	47.191	ug/l	99
3) Chloromethane	2.359	50	130142	50.233	ug/l	96
4) Vinyl Chloride	2.512	62	97942	49.726	ug/l	94
5) Bromomethane	2.942	94	38311	48.629	ug/l	95
6) Chloroethane	3.118	64	56712	54.006	ug/l	95
7) Trichlorofluoromethane	3.495	101	124873	48.986	ug/l	89
8) Diethyl Ether	3.953	74	60503	51.450	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	70606	47.499	ug/l	96
10) Methyl Iodide	4.589	142	61195	48.767	ug/l	98
11) Tert butyl alcohol	5.518	59	78695	240.486	ug/l	97
12) 1,1-Dichloroethene	4.342	96	76569	47.010	ug/l	99
13) Acrolein	4.177	56	102831	249.192	ug/l	98
14) Allyl chloride	5.024	41	177170	55.031	ug/l	92
15) Acrylonitrile	5.718	53	253750	257.836	ug/l	98
16) Acetone	4.424	43	181564	249.388	ug/l	98
17) Carbon Disulfide	4.712	76	238565	47.048	ug/l	97
18) Methyl Acetate	5.018	43	133066	52.444	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	288990	50.354	ug/l	99
20) Methylene Chloride	5.277	84	93627	48.990	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	85509	48.323	ug/l	89
22) Diisopropyl ether	6.677	45	377297	53.114	ug/l	99
23) Vinyl Acetate	6.600	43	1372404	267.017	ug/l	100
24) 1,1-Dichloroethane	6.571	63	186309	51.716	ug/l	98
25) 2-Butanone	7.483	43	330305	238.858	ug/l	99
26) 2,2-Dichloropropane	7.488	77	122363	42.024	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	103260	50.411	ug/l	98
28) Bromochloromethane	7.812	49	93982	49.274	ug/l	99
29) Tetrahydrofuran	7.836	42	232321	248.281	ug/l	99
30) Chloroform	7.971	83	168706	50.407	ug/l	94
31) Cyclohexane	8.259	56	154476	44.876	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	139126	51.261	ug/l	99
36) 1,1-Dichloropropene	8.371	75	131841	48.917	ug/l	97
37) Ethyl Acetate	7.559	43	146298	52.730	ug/l	98
38) Carbon Tetrachloride	8.365	117	108519	49.973	ug/l	91
39) Methylcyclohexane	9.600	83	125849	46.978	ug/l	95
40) Benzene	8.606	78	404180	51.024	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080829.D
 Acq On : 30 Jan 2024 21:09
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 02:15:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	83596	51.121	ug/l	94
42) 1,2-Dichloroethane	8.671	62	140283	54.359	ug/l	98
43) Isopropyl Acetate	8.688	43	254681	50.418	ug/l	99
44) Trichloroethene	9.353	130	80002	45.853	ug/l	82
45) 1,2-Dichloropropane	9.624	63	114259	53.299	ug/l	98
46) Dibromomethane	9.706	93	65304	51.388	ug/l	96
47) Bromodichloromethane	9.888	83	133376	51.695	ug/l	100
48) Methyl methacrylate	9.682	41	120715	49.294	ug/l	97
49) 1,4-Dioxane	9.694	88	30334	1028.341	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	757830	268.370	ug/l	98
52) Toluene	10.635	92	232949	51.290	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	151367	50.361	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	164727	50.399	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	89343	51.185	ug/l	96
56) Ethyl methacrylate	10.877	69	153006	57.022	ug/l	97
57) 1,3-Dichloropropane	11.165	76	172678	52.566	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	418240	267.375	ug/l	98
59) 2-Hexanone	11.194	43	545275	248.591	ug/l	99
60) Dibromochloromethane	11.359	129	84904	52.295	ug/l	97
61) 1,2-Dibromoethane	11.471	107	85675	52.374	ug/l	99
64) Tetrachloroethene	11.106	164	65360	46.985	ug/l	96
65) Chlorobenzene	11.894	112	223249	48.332	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	76767	51.108	ug/l	99
67) Ethyl Benzene	11.965	91	431758	50.292	ug/l	96
68) m/p-Xylenes	12.071	106	309543	101.528	ug/l	97
69) o-Xylene	12.400	106	153599	50.701	ug/l	100
70) Styrene	12.412	104	255860	52.587	ug/l	99
71) Bromoform	12.582	173	51797	51.001	ug/l #	98
73) Isopropylbenzene	12.700	105	376411	49.784	ug/l	99
74) N-amyl acetate	12.494	43	239356	50.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	128799	48.428	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	117380m	47.138	ug/l	
77) Bromobenzene	12.982	156	76126	47.101	ug/l	96
78) n-propylbenzene	13.035	91	462096	51.158	ug/l	98
79) 2-Chlorotoluene	13.129	91	275095	47.918	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	301864	50.131	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	47737	49.386	ug/l	94
82) 4-Chlorotoluene	13.223	91	271391	47.741	ug/l	98
83) tert-Butylbenzene	13.441	119	235582	48.992	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	310670	50.922	ug/l	98
85) sec-Butylbenzene	13.618	105	348357	49.139	ug/l	98
86) p-Isopropyltoluene	13.729	119	271650	49.309	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	137742	47.646	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	137118	47.310	ug/l	99
89) n-Butylbenzene	14.059	91	258968	48.036	ug/l	99
90) Hexachloroethane	14.335	117	46427	48.162	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	135614	51.253	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23249	46.767	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	61692	45.300	ug/l	97
94) Hexachlorobutadiene	15.500	225	25556	42.954	ug/l	97
95) Naphthalene	15.641	128	242602	46.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	63356	47.330	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
Data File : VN080829.D
Acq On : 30 Jan 2024 21:09
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 02:15:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

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

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

