

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076975.D
 Acq On : 13 Mar 2023 20:34
 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 03/14/2023
 Supervised By : Mahesh Dadoda 03/14/2023

Quant Time: Mar 14 07:08:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	309822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	481567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	421564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	208815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	245502	53.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.200%			
35) Dibromofluoromethane	8.178	113	168752	52.579	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.160%			
50) Toluene-d8	10.572	98	584753	49.436	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.880%			
62) 4-Bromofluorobenzene	12.854	95	236207	54.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	279171	50.026	ug/l	99
3) Chloromethane	2.378	50	95766	31.712	ug/l	98
4) Vinyl Chloride	2.531	62	107040	38.187	ug/l	98
5) Bromomethane	2.954	94	86447	41.927	ug/l	95
6) Chloroethane	3.125	64	68460	38.473	ug/l	95
7) Trichlorofluoromethane	3.513	101	364161	50.069	ug/l	94
8) Diethyl Ether	3.978	74	95365	40.753	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.384	101	158037	42.530	ug/l	93
10) Methyl Iodide	4.607	142	169135	43.487	ug/l #	77
11) Tert butyl alcohol	5.537	59	133481	207.540	ug/l	99
12) 1,1-Dichloroethene	4.354	96	141633	41.358	ug/l	91
13) Acrolein	4.196	56	99778	172.595	ug/l	96
14) Allyl chloride	5.037	41	194019m	39.492	ug/l	
15) Acrylonitrile	5.731	53	330018	181.560	ug/l	97
16) Acetone	4.443	43	298252	186.164	ug/l #	86
17) Carbon Disulfide	4.725	76	372490	39.266	ug/l	96
18) Methyl Acetate	5.037	43	203125	34.378	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	570499	46.850	ug/l	94
20) Methylene Chloride	5.296	84	156419	37.972	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	152989	42.140	ug/l	83
22) Diisopropyl ether	6.684	45	399851	36.788	ug/l	95
23) Vinyl Acetate	6.613	43	1535915m	229.469	ug/l	
24) 1,1-Dichloroethane	6.578	63	285015	41.052	ug/l	97
25) 2-Butanone	7.489	43	402103	176.472	ug/l	95
26) 2,2-Dichloropropane	7.495	77	285884	46.530	ug/l	94
27) cis-1,2-Dichloroethene	7.495	96	178100	42.512	ug/l	87
28) Bromochloromethane	7.819	49	98715	39.306	ug/l	99
29) Tetrahydrofuran	7.842	42	249711	176.810	ug/l	96
30) Chloroform	7.972	83	346483	46.446	ug/l	100
31) Cyclohexane	8.266	56	228922	34.511	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	361028	51.620	ug/l	97
36) 1,1-Dichloropropene	8.378	75	235635	47.471	ug/l	94
37) Ethyl Acetate	7.566	43	168248	42.384	ug/l	97
38) Carbon Tetrachloride	8.366	117	330142	56.828	ug/l	98
39) Methylcyclohexane	9.607	83	272806	45.275	ug/l #	90
40) Benzene	8.613	78	642986	43.945	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076975.D
 Acq On : 13 Mar 2023 20:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 14 07:08:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2023
 Supervised By : Mahesh Dadoda 03/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	94900	40.176	ug/l	89
42) 1,2-Dichloroethane	8.678	62	297305	52.094	ug/l	91
43) Isopropyl Acetate	8.695	43	303299	43.282	ug/l	95
44) Trichloroethene	9.354	130	181892	48.103	ug/l	94
45) 1,2-Dichloropropane	9.625	63	146328	40.647	ug/l	99
46) Dibromomethane	9.713	93	122678	48.794	ug/l	94
47) Bromodichloromethane	9.889	83	282307	52.928	ug/l	96
48) Methyl methacrylate	9.683	41	147882	43.071	ug/l	84
49) 1,4-Dioxane	9.695	88	58486	899.608	ug/l #	90
51) 4-Methyl-2-Pentanone	10.448	43	869154	206.474	ug/l	94
52) Toluene	10.630	92	420078	46.649	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	275964	51.897	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	278516	47.693	ug/l #	89
55) 1,1,2-Trichloroethane	11.019	97	157842	45.050	ug/l	97
56) Ethyl methacrylate	10.878	69	250310	47.101	ug/l #	84
57) 1,3-Dichloropropane	11.166	76	276686	44.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	386037	228.118	ug/l	98
59) 2-Hexanone	11.195	43	633143	206.283	ug/l	91
60) Dibromochloromethane	11.360	129	208985	54.139	ug/l	97
61) 1,2-Dibromoethane	11.472	107	167023	47.562	ug/l	98
64) Tetrachloroethene	11.107	164	187148	54.852	ug/l	99
65) Chlorobenzene	11.895	112	443899	47.075	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	191423	52.001	ug/l	95
67) Ethyl Benzene	11.966	91	856815	49.415	ug/l	95
68) m/p-Xylenes	12.072	106	631090	96.836	ug/l	83
69) o-Xylene	12.401	106	312073	49.325	ug/l	80
70) Styrene	12.413	104	516811	50.562	ug/l #	89
71) Bromoform	12.583	173	151637	56.842	ug/l #	97
73) Isopropylbenzene	12.701	105	875486	47.052	ug/l	94
74) N-amyl acetate	12.495	43	247311	40.144	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.936	83	199812	36.496	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	213681m	42.208	ug/l	
77) Bromobenzene	12.983	156	195784	47.067	ug/l	99
78) n-propylbenzene	13.036	91	976237	47.116	ug/l	97
79) 2-Chlorotoluene	13.130	91	618875	46.059	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	775863	48.951	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.736	75	65146	42.034	ug/l #	64
82) 4-Chlorotoluene	13.224	91	606810	47.794	ug/l	91
83) tert-Butylbenzene	13.442	119	663111	49.246	ug/l	88
84) 1,2,4-Trimethylbenzene	13.483	105	765646	48.283	ug/l	90
85) sec-Butylbenzene	13.618	105	889215	48.177	ug/l	98
86) p-Isopropyltoluene	13.730	119	775178	52.008	ug/l	92
87) 1,3-Dichlorobenzene	13.736	146	365396	48.199	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	351692	46.246	ug/l	97
89) n-Butylbenzene	14.060	91	614386	49.397	ug/l	99
90) Hexachloroethane	14.336	117	138589	48.390	ug/l	78
91) 1,2-Dichlorobenzene	14.107	146	361984	47.531	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	60633	50.160	ug/l	79
93) 1,2,4-Trichlorobenzene	15.395	180	215438	50.891	ug/l	99
94) Hexachlorobutadiene	15.501	225	125466	55.629	ug/l	98
95) Naphthalene	15.642	128	636497	50.502	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	210858	51.294	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076975.D
Acq On : 13 Mar 2023 20:34
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 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

Quant Time: Mar 14 07:08:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 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\VN031323\
Data File : VN076975.D
Acq On : 13 Mar 2023 20:34
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 03/14/2023
Supervised By : Mahesh Dadoda 03/14/2023

Quant Time: Mar 14 07:08:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

