

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111121\
 Data File : VN069450.D
 Acq On : 11 Nov 2021 10:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 12 05:14:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1043749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1763563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1693315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	747067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	746427	49.322	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.640%		
35) Dibromofluoromethane	8.021	113	524330	49.572	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.140%		
50) Toluene-d8	10.440	98	2020110	48.561	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.120%		
62) 4-Bromofluorobenzene	12.731	95	758883	49.658	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	555611	49.826	ug/l	98
3) Chloromethane	2.303	50	594738	45.990	ug/l	99
4) Vinyl Chloride	2.446	62	584684	45.154	ug/l	99
5) Bromomethane	2.842	94	362146	43.064	ug/l	99
6) Chloroethane	3.011	64	382890	43.809	ug/l	99
7) Trichlorofluoromethane	3.371	101	887841	44.365	ug/l	98
8) Diethyl Ether	3.819	74	318502	49.191	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.205	101	439946	46.669	ug/l	94
10) Methyl Iodide	4.417	142	581770	50.316	ug/l	97
11) Tert butyl alcohol	5.380	59	619707	227.245	ug/l #	85
12) 1,1-Dichloroethene	4.178	96	393584	46.525	ug/l	88
13) Acrolein	4.039	56	115160	299.517	ug/l	96
14) Allyl chloride	4.838	41	923159	49.358	ug/l	95
15) Acrylonitrile	5.554	53	1769993	253.453	ug/l	99
16) Acetone	4.285	43	1965911	240.763	ug/l	96
17) Carbon Disulfide	4.524	76	903138	45.164	ug/l	99
18) Methyl Acetate	4.854	43	1282209	48.307	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	1883575	52.612	ug/l	97
20) Methylene Chloride	5.090	84	554198	47.864	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	456332	48.296	ug/l	91
22) Diisopropyl ether	6.495	45	2109935	52.370	ug/l	96
23) Vinyl Acetate	6.434	43	8302311	266.433	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1019911	49.701	ug/l	98
25) 2-Butanone	7.335	43	2742878	248.078	ug/l	94
26) 2,2-Dichloropropane	7.324	77	795691	49.558	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	597380	51.001	ug/l	89
28) Bromochloromethane	7.657	49	504803	48.036	ug/l #	81
29) Tetrahydrofuran	7.686	42	1709189	251.902	ug/l	90
30) Chloroform	7.818	83	1073246	51.015	ug/l	100
31) Cyclohexane	8.094	56	895628	43.318	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	864680	49.240	ug/l	96
36) 1,1-Dichloropropene	8.220	75	721503	48.621	ug/l	97
37) Ethyl Acetate	7.413	43	1038237	51.758	ug/l	95
38) Carbon Tetrachloride	8.204	117	704591	49.181	ug/l	98
39) Methylcyclohexane	9.459	83	875984	47.454	ug/l	92
40) Benzene	8.459	78	2284180	49.869	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111121\
 Data File : VN069450.D
 Acq On : 11 Nov 2021 10:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 05:14:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	524871	50.639	ug/l	90
42) 1,2-Dichloroethane	8.528	62	933483	52.049	ug/l	98
43) Isopropyl Acetate	8.560	43	1678725	52.102	ug/l	94
44) Trichloroethene	9.215	130	555789	50.701	ug/l	93
45) 1,2-Dichloropropane	9.491	63	638224	52.153	ug/l	99
46) Dibromomethane	9.577	93	430503	52.521	ug/l	92
47) Bromodichloromethane	9.762	83	825099	53.944	ug/l	100
48) Methyl methacrylate	9.558	41	759846	50.126	ug/l	90
49) 1,4-Dioxane	9.569	88	274108	915.861	ug/l #	90
51) 4-Methyl-2-Pentanone	10.331	43	5465220	262.788	ug/l	96
52) Toluene	10.505	92	1453928	50.952	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	899530	47.946	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	971426	49.052	ug/l	91
55) 1,1,2-Trichloroethane	10.896	97	616549	53.601	ug/l	99
56) Ethyl methacrylate	10.760	69	1043854	48.230	ug/l	87
57) 1,3-Dichloropropane	11.044	76	1078568	53.361	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1417005	253.841	ug/l	93
59) 2-Hexanone	11.084	43	4046542	231.065	ug/l	93
60) Dibromochloromethane	11.237	129	611519	48.513	ug/l	100
61) 1,2-Dibromoethane	11.344	107	640156	49.863	ug/l	99
64) Tetrachloroethene	10.977	164	504262	49.319	ug/l	95
65) Chlorobenzene	11.771	112	1595670	50.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	582373	53.271	ug/l	99
67) Ethyl Benzene	11.843	91	2885106	49.632	ug/l	96
68) m/p-Xylenes	11.953	106	2163187	101.181	ug/l	95
69) o-Xylene	12.280	106	1083019	50.813	ug/l	93
70) Styrene	12.294	104	1816138	47.535	ug/l	97
71) Bromoform	12.457	173	437924	46.399	ug/l #	99
73) Isopropylbenzene	12.578	105	2855744	48.010	ug/l	98
74) N-amyl acetate	12.388	43	1330039	52.762	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	978872	48.793	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	976093m	56.616	ug/l	
77) Bromobenzene	12.860	156	675006	49.619	ug/l	81
78) n-propylbenzene	12.919	91	3275398	48.937	ug/l	97
79) 2-Chlorotoluene	13.007	91	1991937	48.066	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	2367719	49.239	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	266056	46.406	ug/l	95
82) 4-Chlorotoluene	13.104	91	1955041	49.488	ug/l	94
83) tert-Butylbenzene	13.324	119	2043492	48.494	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2333432	50.265	ug/l	98
85) sec-Butylbenzene	13.501	105	2891987	49.129	ug/l	98
86) p-Isopropyltoluene	13.616	119	2331451	49.893	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1186260	50.297	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1148302	49.629	ug/l	97
89) n-Butylbenzene	13.943	91	1960991	50.323	ug/l	97
90) Hexachloroethane	14.211	117	387453	45.321	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1155957	51.507	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	170520	45.871	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	558761	47.671	ug/l	98
94) Hexachlorobutadiene	15.370	225	298188	51.135	ug/l	99
95) Naphthalene	15.504	128	1541928	46.806	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	542126	48.325	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111121\
 Data File : VN069450.D
 Acq On : 11 Nov 2021 10:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 05:14:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

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

