

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021522\
 Data File : VN070949.D
 Acq On : 15 Feb 2022 14:11
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/21/2022
 Supervised By :Semsettin Yesilyurt 02/21/2022

Quant Time: Feb 16 07:15:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:10:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	772465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1197743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1100790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	527759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	448277	50.802	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.600%			
35) Dibromofluoromethane	8.016	113	369389	51.850	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.700%			
50) Toluene-d8	10.433	98	1473067	51.488	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.980%			
62) 4-Bromofluorobenzene	12.721	95	523014	51.143	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	389503	48.548	ug/l	100
3) Chloromethane	2.299	50	467025	46.311	ug/l	96
4) Vinyl Chloride	2.446	62	475957	47.147	ug/l	100
5) Bromomethane	2.857	94	288721	50.346	ug/l	99
6) Chloroethane	3.022	64	297343	44.896	ug/l	99
7) Trichlorofluoromethane	3.375	101	598667	47.321	ug/l	98
8) Diethyl Ether	3.816	74	260976	47.453	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.204	101	368394	47.461	ug/l	96
10) Methyl Iodide	4.416	142	548330	51.007	ug/l	97
11) Tert butyl alcohol	5.369	59	403752	251.071	ug/l	97
12) 1,1-Dichloroethene	4.175	96	355923	47.064	ug/l	98
13) Acrolein	4.034	56	316426	220.202	ug/l	99
14) Allyl chloride	4.834	41	684074	47.430	ug/l	88
15) Acrylonitrile	5.545	53	1158567	244.589	ug/l	99
16) Acetone	4.281	43	1155538	237.786	ug/l	95
17) Carbon Disulfide	4.522	76	1016726	46.882	ug/l	99
18) Methyl Acetate	4.845	43	513553	43.794	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	1322931	49.869	ug/l	98
20) Methylene Chloride	5.087	84	416185	47.123	ug/l	97
21) trans-1,2-Dichloroethene	5.593	96	391178	48.193	ug/l	97
22) Diisopropyl ether	6.487	45	1377508	49.798	ug/l	95
23) Vinyl Acetate	6.428	43	5909175	252.354	ug/l	99
24) 1,1-Dichloroethane	6.381	63	750198	48.379	ug/l	99
25) 2-Butanone	7.328	43	1621325	250.799	ug/l	97
26) 2,2-Dichloropropane	7.316	77	635166	49.285	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	454444	48.713	ug/l	95
28) Bromochloromethane	7.651	49	314398	50.094	ug/l	92
29) Tetrahydrofuran	7.681	42	1027591	245.371	ug/l	97
30) Chloroform	7.810	83	734685	48.172	ug/l	98
31) Cyclohexane	8.086	56	718917	47.109	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	652799	49.564	ug/l	98
36) 1,1-Dichloropropene	8.216	75	568602	48.716	ug/l	97
37) Ethyl Acetate	7.404	43	622765	49.751	ug/l	99
38) Carbon Tetrachloride	8.198	117	560411	48.730	ug/l	98
39) Methylcyclohexane	9.451	83	743661	49.515	ug/l	97
40) Benzene	8.457	78	1682672	48.738	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021522\
 Data File : VN070949.D
 Acq On : 15 Feb 2022 14:11
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/21/2022
 Supervised By :Semsettin Yesilyurt 02/21/2022

Quant Time: Feb 16 07:15:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:10:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	349406	52.998	ug/l #	85
42) 1,2-Dichloroethane	8.522	62	567109	48.230	ug/l	97
43) Isopropyl Acetate	8.557	43	992511	50.303	ug/l	98
44) Trichloroethene	9.210	130	437730	48.148	ug/l	100
45) 1,2-Dichloropropane	9.480	63	435543	49.248	ug/l	97
46) Dibromomethane	9.569	93	283375	48.690	ug/l	99
47) Bromodichloromethane	9.757	83	571773	48.610	ug/l	100
48) Methyl methacrylate	9.551	41	477751	51.156	ug/l #	83
49) 1,4-Dioxane	9.563	88	163675	986.743	ug/l	92
51) 4-Methyl-2-Pentanone	10.322	43	3012812	250.973	ug/l	96
52) Toluene	10.498	92	1084103	49.971	ug/l	94
53) t-1,3-Dichloropropene	10.710	75	648144	50.675	ug/l	98
54) cis-1,3-Dichloropropene	10.180	75	712238	50.707	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	413353	48.676	ug/l	96
56) Ethyl methacrylate	10.751	69	668988	52.286	ug/l #	93
57) 1,3-Dichloropropane	11.039	76	731861	49.825	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	560374	261.083	ug/l	98
59) 2-Hexanone	11.080	43	2138727	259.046	ug/l	96
60) Dibromochloromethane	11.233	129	457107	50.934	ug/l	100
61) 1,2-Dibromoethane	11.339	107	429773	49.757	ug/l	100
64) Tetrachloroethene	10.969	164	406222	47.384	ug/l	98
65) Chlorobenzene	11.763	112	1148602	48.423	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	424670	49.115	ug/l	99
67) Ethyl Benzene	11.839	91	2078311	50.060	ug/l	98
68) m/p-Xylenes	11.945	106	1630190	101.656	ug/l	99
69) o-Xylene	12.274	106	788085	50.308	ug/l	100
70) Styrene	12.286	104	1293857	51.944	ug/l	98
71) Bromoform	12.451	173	346624	50.335	ug/l #	99
73) Isopropylbenzene	12.569	105	2050358	48.266	ug/l	100
74) N-amyl acetate	12.380	43	701220	51.640	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	619093	45.862	ug/l	99
76) 1,2,3-Trichloropropane	12.868	75	644266m	49.074	ug/l	
77) Bromobenzene	12.851	156	494002	47.504	ug/l	91
78) n-propylbenzene	12.916	91	2338264	48.991	ug/l	99
79) 2-Chlorotoluene	12.998	91	1398020	48.233	ug/l	96
80) 1,3,5-Trimethylbenzene	13.051	105	1696295	49.289	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	187836	48.983	ug/l	88
82) 4-Chlorotoluene	13.098	91	1385690	49.250	ug/l	96
83) tert-Butylbenzene	13.316	119	1561693	47.848	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	1658400	48.952	ug/l	99
85) sec-Butylbenzene	13.492	105	2112559	49.121	ug/l	100
86) p-Isopropyltoluene	13.610	119	1780561	50.433	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	899198	48.846	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	866686	48.052	ug/l	98
89) n-Butylbenzene	13.933	91	1440013	49.993	ug/l	96
90) Hexachloroethane	14.204	117	311056	49.334	ug/l	94
91) 1,2-Dichlorobenzene	13.980	146	837768	48.464	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	110089	50.335	ug/l	96
93) 1,2,4-Trichlorobenzene	15.257	180	456490	53.129	ug/l	99
94) Hexachlorobutadiene	15.362	225	298530	47.358	ug/l	99
95) Naphthalene	15.498	128	1019003	57.265	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	415491	53.473	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021522\
Data File : VN070949.D
Acq On : 15 Feb 2022 14:11
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/21/2022
Supervised By :Semsettin Yesilyurt 02/21/2022

Quant Time: Feb 16 07:15:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 16 07:10:17 2022
Response via : Initial Calibration

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

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

