

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022522\
 Data File : VN071085.D
 Acq On : 25 Feb 2022 21:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 03:46:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	637434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1064154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	985831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	415728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	360778	49.547	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.100%		
35) Dibromofluoromethane	8.016	113	281605	44.490	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.980%		
50) Toluene-d8	10.439	98	1119188	44.029	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.060%		
62) 4-Bromofluorobenzene	12.727	95	394438	43.412	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	306606	46.311	ug/l	99
3) Chloromethane	2.299	50	419288	50.385	ug/l	99
4) Vinyl Chloride	2.446	62	398674	47.858	ug/l	98
5) Bromomethane	2.840	94	212979	45.006	ug/l	98
6) Chloroethane	3.010	64	264997	48.488	ug/l	98
7) Trichlorofluoromethane	3.375	101	531987	50.958	ug/l	99
8) Diethyl Ether	3.828	74	236158	52.036	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.216	101	306920	47.918	ug/l	95
10) Methyl Iodide	4.422	142	458783	51.718	ug/l	98
11) Tert butyl alcohol	5.357	59	406170	306.079	ug/l	98
12) 1,1-Dichloroethene	4.187	96	302146	48.417	ug/l	97
13) Acrolein	4.040	56	326550	275.386	ug/l	99
14) Allyl chloride	4.840	41	643647	54.081	ug/l	87
15) Acrylonitrile	5.551	53	1200958	307.247	ug/l	99
16) Acetone	4.281	43	962822	240.099	ug/l	96
17) Carbon Disulfide	4.534	76	741193	41.417	ug/l	99
18) Methyl Acetate	4.851	43	559590	63.898	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	1239464	56.620	ug/l	97
20) Methylene Chloride	5.099	84	376580	51.672	ug/l	94
21) trans-1,2-Dichloroethene	5.593	96	322475	48.145	ug/l	92
22) Diisopropyl ether	6.493	45	1362130	59.673	ug/l	91
23) Vinyl Acetate	6.428	43	5909858	305.847	ug/l	98
24) 1,1-Dichloroethane	6.387	63	701760	54.842	ug/l	99
25) 2-Butanone	7.328	43	1626119	304.826	ug/l	98
26) 2,2-Dichloropropane	7.322	77	526282	49.487	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	402456	52.279	ug/l	92
28) Bromochloromethane	7.651	49	302005	58.312	ug/l	85
29) Tetrahydrofuran	7.681	42	1102615	319.059	ug/l	93
30) Chloroform	7.816	83	673406	53.507	ug/l	100
31) Cyclohexane	8.092	56	634267	50.366	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	582197	53.567	ug/l	99
36) 1,1-Dichloropropene	8.222	75	495554	47.787	ug/l	97
37) Ethyl Acetate	7.404	43	647657	58.235	ug/l	99
38) Carbon Tetrachloride	8.204	117	489053	47.864	ug/l	98
39) Methylcyclohexane	9.457	83	600911	45.033	ug/l	95
40) Benzene	8.457	78	1545297	50.377	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	360368	61.523	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	542568	51.935	ug/l	99
43) Isopropyl Acetate	8.557	43	1116345	63.682	ug/l	95
44) Trichloroethene	9.216	130	370278	45.841	ug/l	97
45) 1,2-Dichloropropane	9.486	63	418220	53.226	ug/l	98
46) Dibromomethane	9.575	93	256523	49.609	ug/l	97
47) Bromodichloromethane	9.757	83	532496	50.954	ug/l	99
48) Methyl methacrylate	9.557	41	502567	60.569	ug/l #	82
49) 1,4-Dioxane	9.563	88	164051	1113.166	ug/l	89
51) 4-Methyl-2-Pentanone	10.328	43	3301342	309.531	ug/l	98
52) Toluene	10.498	92	977553	50.717	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	587820	51.728	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	647500	51.885	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	389667	51.647	ug/l	98
56) Ethyl methacrylate	10.757	69	659812	58.043	ug/l	92
57) 1,3-Dichloropropane	11.039	76	698275	53.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.034	63	621867	246.450	ug/l	95
59) 2-Hexanone	11.081	43	2319135	316.160	ug/l	99
60) Dibromochloromethane	11.233	129	407336	51.086	ug/l	100
61) 1,2-Dibromoethane	11.339	107	394380	51.391	ug/l	100
64) Tetrachloroethene	10.975	164	308286	40.154	ug/l	99
65) Chlorobenzene	11.763	112	1023274	48.170	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	385239	49.750	ug/l	99
67) Ethyl Benzene	11.839	91	1854341	49.874	ug/l	98
68) m/p-Xylenes	11.951	106	1405093	97.837	ug/l	100
69) o-Xylene	12.275	106	707604	50.438	ug/l	100
70) Styrene	12.286	104	1131704	50.732	ug/l	97
71) Bromoform	12.451	173	307450	49.853	ug/l #	100
73) Isopropylbenzene	12.575	105	1806642	53.990	ug/l	100
74) N-amyl acetate	12.380	43	702519	65.678	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	602645	56.674	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	529225m	54.067	ug/l	
77) Bromobenzene	12.857	156	421367	51.438	ug/l	84
78) n-propylbenzene	12.916	91	1995230	53.069	ug/l	98
79) 2-Chlorotoluene	13.004	91	1233600	54.029	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1462156	53.935	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	175530	58.110	ug/l	89
82) 4-Chlorotoluene	13.098	91	1158485	52.271	ug/l	95
83) tert-Butylbenzene	13.316	119	1329821	51.723	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1409863	52.831	ug/l	99
85) sec-Butylbenzene	13.498	105	1778841	52.508	ug/l	99
86) p-Isopropyltoluene	13.610	119	1420408	51.074	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	702057	48.414	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	674060	47.444	ug/l	98
89) n-Butylbenzene	13.939	91	1082673	47.716	ug/l	96
90) Hexachloroethane	14.204	117	269266	54.215	ug/l	92
91) 1,2-Dichlorobenzene	13.980	146	685649	50.353	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	102366	59.417	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	315108	41.523	ug/l	100
94) Hexachlorobutadiene	15.363	225	200811	40.440	ug/l	98
95) Naphthalene	15.504	128	816593	44.541	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	305229	43.598	ug/l	99

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

