

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040722\
 Data File : VN071905.D
 Acq On : 07 Apr 2022 16:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/08/2022
 Supervised By : Mahesh Dadoda 04/08/2022

Quant Time: Apr 08 01:14:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	648517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	993064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	925117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	390792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	286518	38.700	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	77.400%		
35) Dibromofluoromethane	8.016	113	251422	43.025	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	86.060%		
50) Toluene-d8	10.439	98	1014889	42.455	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	84.920%		
62) 4-Bromofluorobenzene	12.727	95	345599	44.702	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	187623	36.391	ug/l	96
3) Chloromethane	2.299	50	220367	33.730	ug/l	97
4) Vinyl Chloride	2.446	62	242706	33.828	ug/l	96
5) Bromomethane	2.840	94	156415	33.537	ug/l	97
6) Chloroethane	3.010	64	165399	32.046	ug/l	99
7) Trichlorofluoromethane	3.375	101	357353	39.149	ug/l	98
8) Diethyl Ether	3.828	74	165218	42.828	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	231596	41.172	ug/l	97
10) Methyl Iodide	4.422	142	306381	38.964	ug/l	100
11) Tert butyl alcohol	5.357	59	236042	196.460	ug/l	100
12) 1,1-Dichloroethene	4.181	96	215273	40.216	ug/l	94
13) Acrolein	4.034	56	271609	185.403	ug/l	99
14) Allyl chloride	4.840	41	354415	40.793	ug/l	94
15) Acrylonitrile	5.545	53	762536	218.348	ug/l	99
16) Acetone	4.281	43	566696	179.106	ug/l	96
17) Carbon Disulfide	4.528	76	413698	33.684	ug/l	100
18) Methyl Acetate	4.845	43	320607	40.636	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	867041	43.600	ug/l	99
20) Methylene Chloride	5.093	84	274547	41.168	ug/l	97
21) trans-1,2-Dichloroethene	5.592	96	229672	39.085	ug/l	100
22) Diisopropyl ether	6.487	45	826781	43.712	ug/l	97
23) Vinyl Acetate	6.428	43	3377539	224.557	ug/l	99
24) 1,1-Dichloroethane	6.381	63	469729	42.304	ug/l	98
25) 2-Butanone	7.328	43	926338	203.085	ug/l	99
26) 2,2-Dichloropropane	7.322	77	391344	41.027	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	302306	41.952	ug/l	99
28) Bromochloromethane	7.651	49	182462	40.736	ug/l	98
29) Tetrahydrofuran	7.675	42	612007	207.213	ug/l	98
30) Chloroform	7.810	83	493171	42.064	ug/l	99
31) Cyclohexane	8.092	56	383214	38.061	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	417345	41.609	ug/l	98
36) 1,1-Dichloropropene	8.216	75	340185	41.687	ug/l	99
37) Ethyl Acetate	7.404	43	380514	42.602	ug/l	99
38) Carbon Tetrachloride	8.204	117	342572	42.834	ug/l	99
39) Methylcyclohexane	9.457	83	420763	43.316	ug/l	99
40) Benzene	8.451	78	1103397	42.803	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	213589	48.838	ug/l #	86
42) 1,2-Dichloroethane	8.522	62	367272	41.186	ug/l	98
43) Isopropyl Acetate	8.551	43	609622	41.034	ug/l	99
44) Trichloroethene	9.210	130	289048	43.523	ug/l	95
45) 1,2-Dichloropropane	9.486	63	288139	44.743	ug/l	100
46) Dibromomethane	9.575	93	188047	43.007	ug/l	97
47) Bromodichloromethane	9.757	83	394985	45.891	ug/l	98
48) Methyl methacrylate	9.557	41	279006	45.267	ug/l	94
49) 1,4-Dioxane	9.563	88	120965	824.834	ug/l	100
51) 4-Methyl-2-Pentanone	10.327	43	1906204	223.168	ug/l	97
52) Toluene	10.498	92	744686	45.700	ug/l	99
53) t-1,3-Dichloropropene	10.710	75	432071	47.898	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	469297	47.085	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	303193	45.209	ug/l	99
56) Ethyl methacrylate	10.757	69	476204	49.775	ug/l	92
57) 1,3-Dichloropropane	11.039	76	506490	45.170	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	596317	205.684	ug/l	100
59) 2-Hexanone	11.080	43	1347798	224.121	ug/l	95
60) Dibromochloromethane	11.233	129	314219	48.052	ug/l	99
61) 1,2-Dibromoethane	11.339	107	301355	45.649	ug/l	100
64) Tetrachloroethene	10.974	164	249011	40.762	ug/l	97
65) Chlorobenzene	11.763	112	813361	43.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	296853	44.410	ug/l	100
67) Ethyl Benzene	11.839	91	1423082	45.380	ug/l	97
68) m/p-Xylenes	11.945	106	1103972	91.625	ug/l	99
69) o-Xylene	12.274	106	551534	46.118	ug/l	99
70) Styrene	12.286	104	893385	49.304	ug/l	99
71) Bromoform	12.451	173	242547	47.649	ug/l #	99
73) Isopropylbenzene	12.574	105	1428273	43.372	ug/l	100
74) N-amyl acetate	12.380	43	423038	44.835	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	437430	39.811	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	420736m	46.475	ug/l	
77) Bromobenzene	12.857	156	340419	41.237	ug/l	98
78) n-propylbenzene	12.916	91	1565524	45.194	ug/l	100
79) 2-Chlorotoluene	13.004	91	943724	42.481	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	1133288	43.435	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	131376	44.972	ug/l	94
82) 4-Chlorotoluene	13.098	91	897600	43.590	ug/l	99
83) tert-Butylbenzene	13.321	119	1044727	43.803	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1125971	44.229	ug/l	100
85) sec-Butylbenzene	13.498	105	1420178	45.934	ug/l	99
86) p-Isopropyltoluene	13.610	119	1174814	47.656	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	568226	43.205	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	558742	43.547	ug/l	98
89) n-Butylbenzene	13.939	91	909020	49.716	ug/l	99
90) Hexachloroethane	14.204	117	198497	43.986	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	552639	42.802	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	74417	43.664	ug/l	95
93) 1,2,4-Trichlorobenzene	15.257	180	290370	46.826	ug/l	99
94) Hexachlorobutadiene	15.362	225	164158	43.109	ug/l	98
95) Naphthalene	15.498	128	824044	46.587	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	282643	47.062	ug/l	99

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

