

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN073992.D
 Acq On : 18 Aug 2022 09:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/19/2022
 Supervised By : Mahesh Dadoda 08/22/2022

Quant Time: Aug 18 21:45:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	545261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	780562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	715978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	372587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	295041	55.555	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.100%			
35) Dibromofluoromethane	7.951	113	263329	57.045	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.100%			
50) Toluene-d8	10.380	98	1011165	56.559	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.120%#			
62) 4-Bromofluorobenzene	12.668	95	355121	59.851	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	240739	55.681	ug/l	100
3) Chloromethane	2.269	50	256820	53.417	ug/l	99
4) Vinyl Chloride	2.410	62	322845	52.307	ug/l	99
5) Bromomethane	2.799	94	213676	55.439	ug/l	98
6) Chloroethane	2.963	64	215600	49.446	ug/l	100
7) Trichlorofluoromethane	3.316	101	427229	53.659	ug/l	97
8) Diethyl Ether	3.763	74	160420	54.277	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.145	101	248885	53.811	ug/l	93
10) Methyl Iodide	4.351	142	283485	51.053	ug/l	98
11) Tert butyl alcohol	5.275	59	285340	240.196	ug/l	99
12) 1,1-Dichloroethene	4.116	96	229258	53.274	ug/l	94
13) Acrolein	3.975	56	230436	277.129	ug/l	99
14) Allyl chloride	4.757	41	344218	54.009	ug/l	99
15) Acrylonitrile	5.469	53	779700	268.836	ug/l	99
16) Acetone	4.216	43	583353	232.822	ug/l	99
17) Carbon Disulfide	4.457	76	519931	50.813	ug/l	99
18) Methyl Acetate	4.769	43	366266	58.944	ug/l	98
19) Methyl tert-butyl Ether	5.522	73	829737	53.535	ug/l	96
20) Methylene Chloride	5.016	84	264647	50.055	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	249281	52.579	ug/l	93
22) Diisopropyl ether	6.404	45	762892	56.456	ug/l	98
23) Vinyl Acetate	6.345	43	3271817	282.538	ug/l	99
24) 1,1-Dichloroethane	6.304	63	456236	54.241	ug/l	97
25) 2-Butanone	7.251	43	1033063	260.031	ug/l	99
26) 2,2-Dichloropropane	7.245	77	415068	52.523	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	309140	52.849	ug/l	94
28) Bromochloromethane	7.581	49	180091	58.051	ug/l	90
29) Tetrahydrofuran	7.604	42	683815	268.320	ug/l	96
30) Chloroform	7.745	83	502585	53.435	ug/l	98
31) Cyclohexane	8.022	56	400791	54.136	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	443189	53.135	ug/l	96
36) 1,1-Dichloropropene	8.151	75	359714	56.103	ug/l	98
37) Ethyl Acetate	7.334	43	420634	54.152	ug/l	98
38) Carbon Tetrachloride	8.133	117	397111	54.185	ug/l	99
39) Methylcyclohexane	9.392	83	466699	58.091	ug/l	95
40) Benzene	8.386	78	1098056	54.262	ug/l	100

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41) Methacrylonitrile	7.557	41	200067	56.994	ug/l	95
42) 1,2-Dichloroethane	8.463	62	384123	55.205	ug/l	99
43) Isopropyl Acetate	8.492	43	611636	55.273	ug/l	97
44) Trichloroethene	9.151	130	309744	52.994	ug/l	96
45) 1,2-Dichloropropane	9.422	63	272176	56.114	ug/l	100
46) Dibromomethane	9.510	93	199869	54.199	ug/l	92
47) Bromodichloromethane	9.698	83	394294	55.941	ug/l	98
48) Methyl methacrylate	9.492	41	269997	57.023	ug/l	91
49) 1,4-Dioxane	9.498	88	142868	1014.649	ug/l	93
51) 4-Methyl-2-Pentanone	10.269	43	2104719	281.321	ug/l	99
52) Toluene	10.439	92	729747	52.589	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	425010	57.464	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	460242	56.873	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	302044	55.957	ug/l	99
56) Ethyl methacrylate	10.698	69	462938	60.132	ug/l	95
57) 1,3-Dichloropropane	10.980	76	498885	56.844	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1062480	295.701	ug/l	97
59) 2-Hexanone	11.022	43	1631476	283.347	ug/l	99
60) Dibromochloromethane	11.174	129	341470	57.205	ug/l	99
61) 1,2-Dibromoethane	11.286	107	318324	55.136	ug/l	100
64) Tetrachloroethene	10.916	164	294543	52.122	ug/l	96
65) Chlorobenzene	11.710	112	821356	53.979	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	316009	54.843	ug/l	97
67) Ethyl Benzene	11.780	91	1419860	56.109	ug/l	97
68) m/p-Xylenes	11.892	106	1132774	110.173	ug/l	97
69) o-Xylene	12.221	106	565883	54.883	ug/l	95
70) Styrene	12.233	104	925819	57.354	ug/l	97
71) Bromoform	12.398	173	275099	53.475	ug/l	99
73) Isopropylbenzene	12.516	105	1457181	53.710	ug/l	99
74) N-amyl acetate	12.327	43	519765	50.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	466026	51.187	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	393840m	50.856	ug/l	
77) Bromobenzene	12.798	156	372152	50.677	ug/l	93
78) n-propylbenzene	12.857	91	1618117	55.952	ug/l	98
79) 2-Chlorotoluene	12.945	91	964493	53.517	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	1219316	55.254	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	144198	52.959	ug/l	99
82) 4-Chlorotoluene	13.045	91	945805	55.255	ug/l	95
83) tert-Butylbenzene	13.263	119	1097819	54.061	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	1212899	55.039	ug/l	99
85) sec-Butylbenzene	13.439	105	1518288	57.679	ug/l	98
86) p-Isopropyltoluene	13.557	119	1320838	58.901	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	687832	54.010	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	678936	52.604	ug/l	98
89) n-Butylbenzene	13.880	91	1062357	59.811	ug/l	99
90) Hexachloroethane	14.151	117	227737	55.559	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	681220	51.799	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	105030	48.859	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	439358	54.891	ug/l	98
94) Hexachlorobutadiene	15.304	225	224719	53.260	ug/l	98
95) Naphthalene	15.433	128	1398879	53.608	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	447802	54.127	ug/l	99

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

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