

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074058.D
 Acq On : 23 Aug 2022 09:32
 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 :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 23 18:52:31 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	568869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	835345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	774563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	400605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	291864	52.676	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.360%			
35) Dibromofluoromethane	7.945	113	265460	53.735	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.480%			
50) Toluene-d8	10.380	98	999449	52.238	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.480%			
62) 4-Bromofluorobenzene	12.668	95	361898	56.994	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	255379	56.616	ug/l	95
3) Chloromethane	2.269	50	299255	59.660	ug/l	98
4) Vinyl Chloride	2.404	62	350727	54.466	ug/l	100
5) Bromomethane	2.781	94	198659	49.403	ug/l	99
6) Chloroethane	2.951	64	215840	47.447	ug/l	100
7) Trichlorofluoromethane	3.310	101	424861	51.147	ug/l	98
8) Diethyl Ether	3.763	74	163922	53.160	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.134	101	254556	52.753	ug/l	96
10) Methyl Iodide	4.345	142	282729	48.804	ug/l	98
11) Tert butyl alcohol	5.287	59	289322	233.441	ug/l	99
12) 1,1-Dichloroethene	4.110	96	239318	53.304	ug/l	95
13) Acrolein	3.981	56	126051	145.301	ug/l	97
14) Allyl chloride	4.751	41	380129	57.168	ug/l	96
15) Acrylonitrile	5.469	53	894110	295.491	ug/l	100
16) Acetone	4.216	43	656995	251.331	ug/l	98
17) Carbon Disulfide	4.451	76	619445	58.026	ug/l	99
18) Methyl Acetate	4.769	43	384607	59.345	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	822308	50.854	ug/l	99
20) Methylene Chloride	5.010	84	285262	51.715	ug/l	98
21) trans-1,2-Dichloroethene	5.504	96	259766	52.517	ug/l	96
22) Diisopropyl ether	6.404	45	824082	58.453	ug/l	98
23) Vinyl Acetate	6.345	43	3525275	291.792	ug/l	100
24) 1,1-Dichloroethane	6.298	63	482640	54.998	ug/l	99
25) 2-Butanone	7.251	43	1158196	279.429	ug/l	99
26) 2,2-Dichloropropane	7.245	77	382689	46.416	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	320163	52.462	ug/l	95
28) Bromochloromethane	7.581	49	183537	56.706	ug/l	98
29) Tetrahydrofuran	7.604	42	769951	289.581	ug/l	99
30) Chloroform	7.739	83	504736	51.437	ug/l	98
31) Cyclohexane	8.016	56	439533	56.905	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	432624	49.716	ug/l	98
36) 1,1-Dichloropropene	8.151	75	374962	54.646	ug/l	99
37) Ethyl Acetate	7.333	43	459437	55.268	ug/l	99
38) Carbon Tetrachloride	8.133	117	383877	48.945	ug/l	100
39) Methylcyclohexane	9.392	83	486896	56.630	ug/l	97
40) Benzene	8.386	78	1178901	54.436	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	217220	57.822	ug/l	97
42) 1,2-Dichloroethane	8.463	62	379949	51.024	ug/l	98
43) Isopropyl Acetate	8.492	43	639178	53.974	ug/l	98
44) Trichloroethene	9.151	130	304255	48.641	ug/l	95
45) 1,2-Dichloropropane	9.422	63	289893	55.847	ug/l	100
46) Dibromomethane	9.510	93	202818	51.392	ug/l	98
47) Bromodichloromethane	9.698	83	401430	53.219	ug/l	99
48) Methyl methacrylate	9.492	41	286023	56.446	ug/l	91
49) 1,4-Dioxane	9.504	88	147709	980.233	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	2265335	282.932	ug/l	99
52) Toluene	10.439	92	747755	50.353	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	421459	53.246	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	466441	53.859	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	300529	52.025	ug/l	99
56) Ethyl methacrylate	10.698	69	474968	57.648	ug/l	93
57) 1,3-Dichloropropane	10.980	76	510015	54.301	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1066416	277.332	ug/l	99
59) 2-Hexanone	11.021	43	1741462	282.614	ug/l	98
60) Dibromochloromethane	11.174	129	332590	52.063	ug/l	99
61) 1,2-Dibromoethane	11.286	107	316447	51.217	ug/l	100
64) Tetrachloroethene	10.916	164	277879	45.454	ug/l	98
65) Chlorobenzene	11.710	112	818311	49.711	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	308163	49.437	ug/l	99
67) Ethyl Benzene	11.780	91	1451615	53.025	ug/l	99
68) m/p-Xylenes	11.892	106	1153239	103.679	ug/l	99
69) o-Xylene	12.221	106	564474	50.606	ug/l	98
70) Styrene	12.233	104	936147	53.608	ug/l	98
71) Bromoform	12.398	173	272271	48.922	ug/l #	99
73) Isopropylbenzene	12.515	105	1453488	49.827	ug/l	99
74) N-amyl acetate	12.327	43	535388	48.549	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	482721	49.313	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	398835m	47.899	ug/l	
77) Bromobenzene	12.798	156	366052	46.360	ug/l	97
78) n-propylbenzene	12.857	91	1666913	53.608	ug/l	99
79) 2-Chlorotoluene	12.945	91	982514	50.704	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1226582	51.695	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	151693	51.815	ug/l	96
82) 4-Chlorotoluene	13.045	91	969763	52.692	ug/l	98
83) tert-Butylbenzene	13.262	119	1092063	50.016	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	1229220	51.879	ug/l	99
85) sec-Butylbenzene	13.439	105	1538688	54.366	ug/l	99
86) p-Isopropyltoluene	13.557	119	1306751	54.197	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	674243	49.240	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	671018	48.355	ug/l	99
89) n-Butylbenzene	13.880	91	1070964	56.078	ug/l	100
90) Hexachloroethane	14.151	117	227178	51.546	ug/l	93
91) 1,2-Dichlorobenzene	13.927	146	671962	47.522	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	108378	46.891	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	427404	49.663	ug/l	100
94) Hexachlorobutadiene	15.298	225	218342	48.130	ug/l	97
95) Naphthalene	15.433	128	1354932	48.292	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	422293	47.474	ug/l	99

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

