

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080922\
 Data File : VN073778.D
 Acq On : 09 Aug 2022 10:03
 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 08/10/2022
 Supervised By : Mahesh Dadoda 08/11/2022

Quant Time: Aug 09 21:03:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	370316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	560702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	532014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	273180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	228224	50.571	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.140%			
35) Dibromofluoromethane	7.951	113	201876	57.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.680%			
50) Toluene-d8	10.380	98	773505	55.829	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.660%			
62) 4-Bromofluorobenzene	12.674	95	262177	55.464	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	155833	43.386	ug/l	98
3) Chloromethane	2.263	50	201907	46.600	ug/l	99
4) Vinyl Chloride	2.404	62	250249	39.837	ug/l	100
5) Bromomethane	2.781	94	95838	26.306	ug/l	98
6) Chloroethane	2.945	64	183673	50.136	ug/l	96
7) Trichlorofluoromethane	3.298	101	379127	58.561	ug/l	99
8) Diethyl Ether	3.757	74	117438	48.310	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.128	101	183012	51.094	ug/l	99
10) Methyl Iodide	4.339	142	115641	31.757	ug/l	97
11) Tert butyl alcohol	5.292	59	231009	237.353	ug/l	100
12) 1,1-Dichloroethene	4.104	96	165759	47.178	ug/l	96
13) Acrolein	3.975	56	301544	312.515	ug/l	100
14) Allyl chloride	4.751	41	267700	47.657	ug/l	99
15) Acrylonitrile	5.469	53	694308	257.891	ug/l	100
16) Acetone	4.216	43	639636	263.885	ug/l	98
17) Carbon Disulfide	4.451	76	411497	44.171	ug/l	99
18) Methyl Acetate	4.775	43	317578	52.663	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	612781	51.053	ug/l	98
20) Methylene Chloride	5.004	84	212503	54.386	ug/l	97
21) trans-1,2-Dichloroethene	5.504	96	184089	48.402	ug/l	95
22) Diisopropyl ether	6.410	45	611061	50.422	ug/l	98
23) Vinyl Acetate	6.345	43	2610227	256.898	ug/l	100
24) 1,1-Dichloroethane	6.304	63	355555	47.690	ug/l	98
25) 2-Butanone	7.257	43	964906	256.332	ug/l	100
26) 2,2-Dichloropropane	7.245	77	292956	51.072	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	227184	48.482	ug/l	96
28) Bromochloromethane	7.580	49	158227	50.545	ug/l	99
29) Tetrahydrofuran	7.604	42	599985	252.098	ug/l	99
30) Chloroform	7.745	83	385349	49.608	ug/l	99
31) Cyclohexane	8.022	56	301673	44.900	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	322068	49.935	ug/l	99
36) 1,1-Dichloropropene	8.145	75	270847	53.974	ug/l	100
37) Ethyl Acetate	7.333	43	347823	52.632	ug/l	97
38) Carbon Tetrachloride	8.133	117	277181	54.386	ug/l	99
39) Methylcyclohexane	9.392	83	333182	55.563	ug/l	97
40) Benzene	8.386	78	850695	52.206	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	155551	52.016	ug/l	98
42) 1,2-Dichloroethane	8.463	62	287460	52.343	ug/l	98
43) Isopropyl Acetate	8.492	43	494379	55.385	ug/l	100
44) Trichloroethene	9.151	130	220697	53.408	ug/l	99
45) 1,2-Dichloropropane	9.422	63	217241	53.337	ug/l	100
46) Dibromomethane	9.510	93	154321	54.591	ug/l	99
47) Bromodichloromethane	9.698	83	301792	55.624	ug/l	98
48) Methyl methacrylate	9.498	41	218201	55.846	ug/l	92
49) 1,4-Dioxane	9.504	88	127071	1153.725	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	1830586	285.931	ug/l	99
52) Toluene	10.445	92	556080	55.869	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	310867	57.998	ug/l	96
54) cis-1,3-Dichloropropene	10.127	75	340931	56.446	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	233296	56.208	ug/l	98
56) Ethyl methacrylate	10.704	69	351960	61.526	ug/l	98
57) 1,3-Dichloropropane	10.986	76	382203	54.275	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	774368	255.574	ug/l	99
59) 2-Hexanone	11.027	43	1418659	292.473	ug/l	99
60) Dibromochloromethane	11.180	129	248133	60.093	ug/l	100
61) 1,2-Dibromoethane	11.286	107	238797	55.863	ug/l	99
64) Tetrachloroethene	10.916	164	212490	50.257	ug/l	100
65) Chlorobenzene	11.710	112	603924	53.443	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	227572	56.146	ug/l	100
67) Ethyl Benzene	11.786	91	1072837	56.274	ug/l	98
68) m/p-Xylenes	11.892	106	838961	115.382	ug/l	99
69) o-Xylene	12.221	106	413621	58.348	ug/l	99
70) Styrene	12.233	104	700986	61.773	ug/l	98
71) Bromoform	12.398	173	203004	60.679	ug/l	98
73) Isopropylbenzene	12.521	105	1087447	54.379	ug/l	100
74) N-amyl acetate	12.327	43	402329	53.249	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	375069	48.605	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	272941m	54.853	ug/l	
77) Bromobenzene	12.798	156	271834	52.199	ug/l	98
78) n-propylbenzene	12.862	91	1277032	56.755	ug/l	99
79) 2-Chlorotoluene	12.945	91	737921	52.545	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	924963	56.206	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	115387	54.738	ug/l	98
82) 4-Chlorotoluene	13.045	91	717434	53.902	ug/l	97
83) tert-Butylbenzene	13.262	119	805925	55.289	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	920034	56.856	ug/l	100
85) sec-Butylbenzene	13.439	105	1159593	57.558	ug/l	99
86) p-Isopropyltoluene	13.557	119	971389	61.163	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	502130	52.824	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	494546	51.998	ug/l	97
89) n-Butylbenzene	13.880	91	777561	60.171	ug/l	99
90) Hexachloroethane	14.151	117	172477	54.736	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	508809	52.822	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	80918	52.190	ug/l	93
93) 1,2,4-Trichlorobenzene	15.198	180	286670	59.930	ug/l	99
94) Hexachlorobutadiene	15.303	225	150323	57.806	ug/l	98
95) Naphthalene	15.433	128	921058	59.337	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	293450	58.288	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

