

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN073996.D
 Acq On : 18 Aug 2022 11:43
 Operator : JC\MD
 Sample : VN0818WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 21:47:34 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	539236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	791500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	723205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	363095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	295031	56.174	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.340%			
35) Dibromofluoromethane	7.951	113	255146	54.509	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.020%			
50) Toluene-d8	10.381	98	963154	53.129	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.260%			
62) 4-Bromofluorobenzene	12.669	95	333298	55.397	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	83946	19.633	ug/l	99
3) Chloromethane	2.269	50	94381	19.850	ug/l	100
4) Vinyl Chloride	2.405	62	111857	18.325	ug/l	94
5) Bromomethane	2.805	94	70902	18.601	ug/l	99
6) Chloroethane	2.969	64	77893	18.064	ug/l	99
7) Trichlorofluoromethane	3.316	101	149925	19.041	ug/l	96
8) Diethyl Ether	3.763	74	56530	19.340	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.146	101	87881	19.213	ug/l	95
10) Methyl Iodide	4.351	142	86295	15.715	ug/l	97
11) Tert butyl alcohol	5.287	59	113164	96.324	ug/l	98
12) 1,1-Dichloroethene	4.110	96	80015	18.801	ug/l	89
13) Acrolein	3.975	56	75823	92.206	ug/l	97
14) Allyl chloride	4.763	41	121180	19.226	ug/l	99
15) Acrylonitrile	5.469	53	304877	106.294	ug/l	100
16) Acetone	4.222	43	247626	99.934	ug/l	98
17) Carbon Disulfide	4.457	76	177775	17.568	ug/l	98
18) Methyl Acetate	4.769	43	143135	21.671	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	304788	19.885	ug/l	97
20) Methylene Chloride	5.010	84	99785	19.084	ug/l	94
21) trans-1,2-Dichloroethene	5.510	96	86404	18.428	ug/l	96
22) Diisopropyl ether	6.404	45	279663	20.927	ug/l	99
23) Vinyl Acetate	6.351	43	1202558	105.007	ug/l	98
24) 1,1-Dichloroethane	6.304	63	167207	20.101	ug/l	99
25) 2-Butanone	7.257	43	406139	103.371	ug/l	99
26) 2,2-Dichloropropane	7.245	77	141408	18.094	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	113145	19.559	ug/l	94
28) Bromochloromethane	7.581	49	64475	21.015	ug/l	91
29) Tetrahydrofuran	7.610	42	267178	106.009	ug/l	97
30) Chloroform	7.745	83	184328	19.817	ug/l	100
31) Cyclohexane	8.022	56	142634	19.481	ug/l	93
32) 1,1,1-Trichloroethane	7.939	97	157345	19.075	ug/l	98
36) 1,1-Dichloropropene	8.151	75	122253	18.804	ug/l	98
37) Ethyl Acetate	7.334	43	156121	19.821	ug/l	98
38) Carbon Tetrachloride	8.134	117	135316	18.209	ug/l	96
39) Methylcyclohexane	9.392	83	153300	18.818	ug/l	98
40) Benzene	8.387	78	397079	19.351	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	71770	20.163	ug/l	96
42) 1,2-Dichloroethane	8.463	62	138700	19.658	ug/l	97
43) Isopropyl Acetate	8.492	43	229013	20.410	ug/l	98
44) Trichloroethene	9.151	130	105464	17.795	ug/l	97
45) 1,2-Dichloropropane	9.428	63	100121	20.356	ug/l	100
46) Dibromomethane	9.510	93	73338	19.613	ug/l	92
47) Bromodichloromethane	9.698	83	138951	19.442	ug/l	96
48) Methyl methacrylate	9.498	41	99794	20.785	ug/l	94
49) 1,4-Dioxane	9.504	88	58261	408.052	ug/l	91
51) 4-Methyl-2-Pentanone	10.269	43	810341	106.815	ug/l	100
52) Toluene	10.445	92	258383	18.363	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	147467	19.663	ug/l	95
54) cis-1,3-Dichloropropene	10.128	75	159389	19.424	ug/l	97
55) 1,1,2-Trichloroethane	10.833	97	112092	20.479	ug/l	95
56) Ethyl methacrylate	10.698	69	164554	21.079	ug/l	95
57) 1,3-Dichloropropane	10.980	76	181614	20.407	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	385814	105.893	ug/l	97
59) 2-Hexanone	11.022	43	619359	106.081	ug/l	99
60) Dibromochloromethane	11.180	129	118967	19.655	ug/l	98
61) 1,2-Dibromoethane	11.286	107	118128	20.178	ug/l	100
64) Tetrachloroethene	10.916	164	98215	17.206	ug/l	98
65) Chlorobenzene	11.710	112	289748	18.852	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	110845	19.045	ug/l	98
67) Ethyl Benzene	11.780	91	478670	18.727	ug/l	98
68) m/p-Xylenes	11.892	106	392169	37.761	ug/l	97
69) o-Xylene	12.222	106	194478	18.673	ug/l	97
70) Styrene	12.233	104	315059	19.323	ug/l	98
71) Bromoform	12.398	173	95726	18.422	ug/l #	100
73) Isopropylbenzene	12.522	105	487328	18.432	ug/l	98
74) N-amyl acetate	12.327	43	187788	18.788	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	176497	19.893	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	124766m	16.532	ug/l	
77) Bromobenzene	12.798	156	132374	18.497	ug/l	94
78) n-propylbenzene	12.857	91	547275	19.418	ug/l	98
79) 2-Chlorotoluene	12.945	91	338705	19.285	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	419104	19.488	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	48875	18.419	ug/l	96
82) 4-Chlorotoluene	13.045	91	325777	19.530	ug/l	95
83) tert-Butylbenzene	13.263	119	378171	19.109	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	419137	19.517	ug/l	99
85) sec-Butylbenzene	13.439	105	506574	19.748	ug/l	98
86) p-Isopropyltoluene	13.557	119	431157	19.729	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	232888	18.765	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	234506	18.645	ug/l	99
89) n-Butylbenzene	13.880	91	318677	18.411	ug/l	99
90) Hexachloroethane	14.151	117	75147	18.812	ug/l	92
91) 1,2-Dichlorobenzene	13.927	146	243176	18.974	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	39520	18.865	ug/l	94
93) 1,2,4-Trichlorobenzene	15.198	180	142594	18.281	ug/l	99
94) Hexachlorobutadiene	15.304	225	76242	18.542	ug/l	98
95) Naphthalene	15.433	128	476866	18.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	150065	18.613	ug/l	99

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

