

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072950.D
 Acq On : 20 Jun 2022 10:38
 Operator : JC\MD
 Sample : VN0620WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/21/2022

Quant Time: Jun 21 05:53:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	322573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	554263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	478371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.604	152	216656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	222569	51.035	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.060%			
35) Dibromofluoromethane	7.951	113	175715	51.291	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	10.375	98	634111	49.743	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.663	95	232006	50.613	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	57966	18.873	ug/l	98
3) Chloromethane	2.269	50	57399	17.757	ug/l	99
4) Vinyl Chloride	2.410	62	51946	18.860	ug/l	98
5) Bromomethane	2.816	94	28028	25.850	ug/l	93
6) Chloroethane	2.975	64	31983	18.561	ug/l	99
7) Trichlorofluoromethane	3.328	101	101149	22.551	ug/l	100
8) Diethyl Ether	3.769	74	44349	19.158	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.146	101	60272	19.440	ug/l	98
10) Methyl Iodide	4.363	142	68184	19.186	ug/l	99
11) Tert butyl alcohol	5.287	59	94569	83.947	ug/l	99
12) 1,1-Dichloroethene	4.116	96	56593	18.324	ug/l	97
13) Acrolein	3.981	56	43375	97.763	ug/l	97
14) Allyl chloride	4.763	41	121898	18.474	ug/l	95
15) Acrylonitrile	5.475	53	235766	90.788	ug/l	99
16) Acetone	4.228	43	207547	86.576	ug/l	95
17) Carbon Disulfide	4.469	76	126875	16.034	ug/l	100
18) Methyl Acetate	4.781	43	117432	18.395	ug/l	93
19) Methyl tert-butyl Ether	5.534	73	235246	20.282	ug/l	97
20) Methylene Chloride	5.022	84	71096	18.970	ug/l	95
21) trans-1,2-Dichloroethene	5.516	96	61393	18.275	ug/l	98
22) Diisopropyl ether	6.416	45	243992	19.835	ug/l	98
23) Vinyl Acetate	6.351	43	1126613	99.217	ug/l	94
24) 1,1-Dichloroethane	6.310	63	126324	19.588	ug/l	97
25) 2-Butanone	7.263	43	342998	90.165	ug/l	91
26) 2,2-Dichloropropane	7.251	77	110375	20.274	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	78932	19.666	ug/l	98
28) Bromochloromethane	7.581	49	55203	20.698	ug/l	88
29) Tetrahydrofuran	7.610	42	229339	91.295	ug/l	88
30) Chloroform	7.745	83	132029	20.223	ug/l	97
31) Cyclohexane	8.022	56	103358	17.521	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	114498	19.985	ug/l	99
36) 1,1-Dichloropropene	8.151	75	88212	19.029	ug/l	99
37) Ethyl Acetate	7.339	43	142844	19.265	ug/l	96
38) Carbon Tetrachloride	8.134	117	96840	19.861	ug/l	99
39) Methylcyclohexane	9.386	83	103010	18.436	ug/l	98
40) Benzene	8.386	78	281102	19.295	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	65885	18.738	ug/l #	89
42) 1,2-Dichloroethane	8.463	62	106070	20.499	ug/l	99
43) Isopropyl Acetate	8.492	43	209331	19.750	ug/l	94
44) Trichloroethene	9.145	130	71359	19.329	ug/l	98
45) 1,2-Dichloropropane	9.422	63	74250	19.939	ug/l	97
46) Dibromomethane	9.510	93	50087	19.892	ug/l	96
47) Bromodichloromethane	9.692	83	101701	20.323	ug/l	95
48) Methyl methacrylate	9.492	41	91372	18.882	ug/l	91
49) 1,4-Dioxane	9.504	88	35335	324.526	ug/l #	90
51) 4-Methyl-2-Pentanone	10.263	43	663357	95.978	ug/l	93
52) Toluene	10.439	92	174285	19.486	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	111827	20.779	ug/l	97
54) cis-1,3-Dichloropropene	10.122	75	118462	20.152	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	73878	18.812	ug/l	98
56) Ethyl methacrylate	10.698	69	126751	20.136	ug/l	89
57) 1,3-Dichloropropane	10.980	76	127494	19.568	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	273344	98.358	ug/l	97
59) 2-Hexanone	11.022	43	501755	93.861	ug/l	90
60) Dibromochloromethane	11.175	129	77300	20.827	ug/l	100
61) 1,2-Dibromoethane	11.280	107	77809	20.097	ug/l	100
64) Tetrachloroethene	10.910	164	54977	18.892	ug/l	94
65) Chlorobenzene	11.704	112	182867	19.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.775	131	73195	20.585	ug/l	99
67) Ethyl Benzene	11.780	91	332188	20.199	ug/l	99
68) m/p-Xylenes	11.886	106	253222	39.257	ug/l	96
69) o-Xylene	12.216	106	129496	20.091	ug/l	98
70) Styrene	12.227	104	207036	20.002	ug/l	97
71) Bromoform	12.392	173	57771	21.548	ug/l #	96
73) Isopropylbenzene	12.510	105	326078	19.454	ug/l	100
74) N-amyl acetate	12.322	43	167712	19.282	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	117598	19.482	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	100228m	19.081	ug/l	
77) Bromobenzene	12.792	156	79297	19.748	ug/l	91
78) n-propylbenzene	12.851	91	366157	19.861	ug/l	100
79) 2-Chlorotoluene	12.939	91	231005	19.350	ug/l	97
80) 1,3,5-Trimethylbenzene	12.992	105	275491	20.010	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.557	75	38022	19.548	ug/l	96
82) 4-Chlorotoluene	13.039	91	222474	19.696	ug/l	99
83) tert-Butylbenzene	13.257	119	241842	19.180	ug/l	95
84) 1,2,4-Trimethylbenzene	13.298	105	273995	19.981	ug/l	97
85) sec-Butylbenzene	13.433	105	326573	19.415	ug/l	100
86) p-Isopropyltoluene	13.551	119	271313	19.923	ug/l	98
87) 1,3-Dichlorobenzene	13.545	146	143770	20.055	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	145213	20.014	ug/l	98
89) n-Butylbenzene	13.874	91	217526	19.562	ug/l	99
90) Hexachloroethane	14.139	117	51572	20.088	ug/l	89
91) 1,2-Dichlorobenzene	13.921	146	147998	19.796	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.533	75	28556	18.707	ug/l	93
93) 1,2,4-Trichlorobenzene	15.192	180	78933	19.078	ug/l	98
94) Hexachlorobutadiene	15.292	225	34497	19.160	ug/l	99
95) Naphthalene	15.427	128	308522	18.433	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	81500	18.447	ug/l	97

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

