

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072890.D
 Acq On : 16 Jun 2022 20:01
 Operator : JC\MD
 Sample : VN0616WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 17 06:06:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	228288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	388141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	376094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	174210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	240053	56.916	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.840%			
35) Dibromofluoromethane	7.951	113	189334	53.701	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.400%			
50) Toluene-d8	10.375	98	685278	49.656	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.320%			
62) 4-Bromofluorobenzene	12.669	95	224443	46.882	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	64982	20.424	ug/l	98
3) Chloromethane	2.269	50	79533	21.794	ug/l	98
4) Vinyl Chloride	2.410	62	61053	21.806	ug/l	100
5) Bromomethane	2.810	94	29830	27.264	ug/l	99
6) Chloroethane	2.969	64	36952	22.434	ug/l	97
7) Trichlorofluoromethane	3.316	101	98899	18.612	ug/l	100
8) Diethyl Ether	3.769	74	50455	22.537	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.146	101	55687	18.472	ug/l	99
10) Methyl Iodide	4.351	142	73568	19.363	ug/l	99
11) Tert butyl alcohol	5.293	59	124289	113.180	ug/l	99
12) 1,1-Dichloroethene	4.110	96	62960	19.776	ug/l	93
13) Acrolein	3.987	56	36386	109.475	ug/l	98
14) Allyl chloride	4.763	41	136176	21.102	ug/l	92
15) Acrylonitrile	5.475	53	279363	117.228	ug/l	100
16) Acetone	4.228	43	248675	116.811	ug/l	93
17) Carbon Disulfide	4.457	76	163381	18.962	ug/l	99
18) Methyl Acetate	4.781	43	130275	21.466	ug/l	92
19) Methyl tert-butyl Ether	5.540	73	259286	22.261	ug/l	99
20) Methylene Chloride	5.016	84	86959	22.837	ug/l	93
21) trans-1,2-Dichloroethene	5.510	96	69409	20.607	ug/l	95
22) Diisopropyl ether	6.416	45	276247	23.155	ug/l	95
23) Vinyl Acetate	6.357	43	1254843	115.724	ug/l	95
24) 1,1-Dichloroethane	6.304	63	139527	22.338	ug/l	97
25) 2-Butanone	7.263	43	402323	118.657	ug/l	97
26) 2,2-Dichloropropane	7.245	77	88375	15.662	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	88435	21.660	ug/l	98
28) Bromochloromethane	7.587	49	59149	22.100	ug/l	91
29) Tetrahydrofuran	7.616	42	268396	119.401	ug/l	91
30) Chloroform	7.745	83	138365	21.466	ug/l	100
31) Cyclohexane	8.022	56	104753	18.525	ug/l	93
32) 1,1,1-Trichloroethane	7.945	97	119425	20.923	ug/l	97
36) 1,1-Dichloropropene	8.151	75	87758	18.226	ug/l	99
37) Ethyl Acetate	7.340	43	158254	22.710	ug/l	97
38) Carbon Tetrachloride	8.134	117	93901	18.113	ug/l	95
39) Methylcyclohexane	9.392	83	104074	17.414	ug/l	98
40) Benzene	8.392	78	311191	20.284	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	82277	22.679	ug/l #	82
42) 1,2-Dichloroethane	8.463	62	117458	21.233	ug/l	99
43) Isopropyl Acetate	8.498	43	236310	21.788	ug/l	95
44) Trichloroethene	9.145	130	77117	18.801	ug/l	96
45) 1,2-Dichloropropane	9.428	63	81184	20.971	ug/l	98
46) Dibromomethane	9.516	93	56902	21.181	ug/l	97
47) Bromodichloromethane	9.698	83	110579	20.321	ug/l	100
48) Methyl methacrylate	9.492	41	106312	21.460	ug/l	92
49) 1,4-Dioxane	9.504	88	46887	446.815	ug/l #	96
51) 4-Methyl-2-Pentanone	10.269	43	773772	110.286	ug/l	92
52) Toluene	10.439	92	193696	19.509	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	118515	19.115	ug/l	98
54) cis-1,3-Dichloropropene	10.122	75	125537	19.502	ug/l	92
55) 1,1,2-Trichloroethane	10.833	97	83488	20.829	ug/l	93
56) Ethyl methacrylate	10.698	69	141160	20.738	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	143294	20.949	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	257135	106.867	ug/l	98
59) 2-Hexanone	11.022	43	562790	108.025	ug/l	92
60) Dibromochloromethane	11.175	129	86958	20.221	ug/l	97
61) 1,2-Dibromoethane	11.280	107	88944	20.389	ug/l	100
64) Tetrachloroethene	10.910	164	68754	19.041	ug/l	97
65) Chlorobenzene	11.704	112	195147	19.692	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.775	131	79527	20.757	ug/l	99
67) Ethyl Benzene	11.780	91	337827	19.290	ug/l	97
68) m/p-Xylenes	11.886	106	256984	38.216	ug/l	100
69) o-Xylene	12.216	106	132267	19.171	ug/l	98
70) Styrene	12.227	104	205430	19.236	ug/l	99
71) Bromoform	12.392	173	63155	20.401	ug/l #	99
73) Isopropylbenzene	12.516	105	315148	18.969	ug/l	100
74) N-amyl acetate	12.327	43	154047	21.565	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.763	83	122833	22.612	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	112886m	21.800	ug/l	
77) Bromobenzene	12.792	156	77267	19.900	ug/l	89
78) n-propylbenzene	12.857	91	330041	19.048	ug/l	99
79) 2-Chlorotoluene	12.939	91	219287	19.479	ug/l	99
80) 1,3,5-Trimethylbenzene	12.992	105	254515	19.117	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	36780	20.230	ug/l	99
82) 4-Chlorotoluene	13.039	91	201136	19.325	ug/l	98
83) tert-Butylbenzene	13.257	119	232396	19.501	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	246407	19.251	ug/l	99
85) sec-Butylbenzene	13.433	105	289206	18.719	ug/l	100
86) p-Isopropyltoluene	13.551	119	229208	18.382	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	123437	19.509	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	118301	18.542	ug/l	98
89) n-Butylbenzene	13.874	91	173224	18.074	ug/l	99
90) Hexachloroethane	14.145	117	48959	18.161	ug/l	89
91) 1,2-Dichlorobenzene	13.921	146	128390	20.072	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.533	75	27312	23.005	ug/l	92
93) 1,2,4-Trichlorobenzene	15.192	180	60361	18.883	ug/l	98
94) Hexachlorobutadiene	15.292	225	27084	17.117	ug/l	99
95) Naphthalene	15.427	128	234147	21.214	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	64355	20.274	ug/l	99

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

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