

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072546.D
 Acq On : 18 May 2022 17:30
 Operator : JC\MD
 Sample : VN0518WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01

Quant Time: May 19 02:25:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	191594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	288596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	266123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	118484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	153802	51.666	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.340%			
35) Dibromofluoromethane	8.016	113	104400	53.614	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.220%			
50) Toluene-d8	10.439	98	386594	52.450	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.900%			
62) 4-Bromofluorobenzene	12.727	95	137665	49.169	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	45063	20.546	ug/l	96
3) Chloromethane	2.299	50	38353	19.343	ug/l	93
4) Vinyl Chloride	2.440	62	38617	23.863	ug/l	98
5) Bromomethane	2.828	94	32175	21.182	ug/l	86
6) Chloroethane	2.999	64	29167	21.048	ug/l	98
7) Trichlorofluoromethane	3.369	101	80328	21.505	ug/l	93
8) Diethyl Ether	3.822	74	23982	21.620	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.204	101	39311	22.103	ug/l	97
10) Methyl Iodide	4.416	142	50057	22.034	ug/l #	86
11) Tert butyl alcohol	5.369	59	33955	124.692	ug/l #	88
12) 1,1-Dichloroethene	4.181	96	33179	21.221	ug/l	89
13) Acrolein	4.040	56	34290	90.751	ug/l	93
14) Allyl chloride	4.828	41	60060	22.584	ug/l	91
15) Acrylonitrile	5.551	53	110095	104.692	ug/l	98
16) Acetone	4.287	43	117189	129.870	ug/l #	87
17) Carbon Disulfide	4.528	76	86655	21.402	ug/l	99
18) Methyl Acetate	4.851	43	53100	21.388	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	144164	22.328	ug/l	99
20) Methylene Chloride	5.093	84	43340	20.230	ug/l	93
21) trans-1,2-Dichloroethene	5.587	96	37535	21.423	ug/l #	84
22) Diisopropyl ether	6.493	45	128622	21.965	ug/l	98
23) Vinyl Acetate	6.428	43	570236	112.629	ug/l	94
24) 1,1-Dichloroethane	6.387	63	75017	21.064	ug/l	98
25) 2-Butanone	7.334	43	157961	111.333	ug/l	91
26) 2,2-Dichloropropane	7.316	77	76500	23.155	ug/l	94
27) cis-1,2-Dichloroethene	7.322	96	44811	20.767	ug/l	88
28) Bromochloromethane	7.651	49	29727	20.419	ug/l	92
29) Tetrahydrofuran	7.681	42	97617	113.691	ug/l	94
30) Chloroform	7.816	83	86249	21.161	ug/l	95
31) Cyclohexane	8.092	56	67840	20.503	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	81840	21.760	ug/l	98
36) 1,1-Dichloropropene	8.222	75	60294	22.744	ug/l	95
37) Ethyl Acetate	7.410	43	64163	22.025	ug/l	97
38) Carbon Tetrachloride	8.204	117	71665	21.841	ug/l	98
39) Methylcyclohexane	9.457	83	68977	22.295	ug/l	95
40) Benzene	8.451	78	170166	21.968	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	33707	24.119	ug/l	88
42) 1,2-Dichloroethane	8.528	62	76968	21.413	ug/l	95
43) Isopropyl Acetate	8.557	43	99837	21.311	ug/l	99
44) Trichloroethene	9.210	130	46548	22.104	ug/l	99
45) 1,2-Dichloropropane	9.481	63	42107	22.114	ug/l	99
46) Dibromomethane	9.575	93	31779	22.077	ug/l	96
47) Bromodichloromethane	9.757	83	66861	22.287	ug/l	98
48) Methyl methacrylate	9.557	41	47690	21.380	ug/l	88
49) 1,4-Dioxane	9.569	88	9862	507.859	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	313579	101.442	ug/l	95
52) Toluene	10.498	92	109676	21.837	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	71992	22.349	ug/l	96
54) cis-1,3-Dichloropropene	10.181	75	70845	22.276	ug/l #	90
55) 1,1,2-Trichloroethane	10.892	97	45371	20.787	ug/l	95
56) Ethyl methacrylate	10.757	69	68482	20.952	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	78999	21.466	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.039	63	71276	89.321	ug/l	99
59) 2-Hexanone	11.080	43	219565	102.190	ug/l	94
60) Dibromochloromethane	11.233	129	52083	20.884	ug/l	99
61) 1,2-Dibromoethane	11.339	107	46369	20.485	ug/l	98
64) Tetrachloroethene	10.975	164	44433	24.060	ug/l	99
65) Chlorobenzene	11.769	112	114390	20.977	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	48358	22.084	ug/l	96
67) Ethyl Benzene	11.839	91	214653	22.741	ug/l	99
68) m/p-Xylenes	11.951	106	166043	45.692	ug/l	95
69) o-Xylene	12.275	106	78622	21.238	ug/l	90
70) Styrene	12.292	104	127725	22.409	ug/l	96
71) Bromoform	12.451	173	37266	22.115	ug/l #	100
73) Isopropylbenzene	12.575	105	214422	21.889	ug/l	97
74) N-amyl acetate	12.386	43	63553	19.477	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	64957	21.890	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	52686m	14.720	ug/l	
77) Bromobenzene	12.857	156	50161	19.990	ug/l	95
78) n-propylbenzene	12.916	91	229158	21.390	ug/l	99
79) 2-Chlorotoluene	13.004	91	149792	20.871	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	186152	21.912	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.622	75	17859	20.801	ug/l #	83
82) 4-Chlorotoluene	13.098	91	143879	21.521	ug/l	95
83) tert-Butylbenzene	13.316	119	159470	22.101	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	182597	22.407	ug/l	95
85) sec-Butylbenzene	13.498	105	208845	22.287	ug/l	99
86) p-Isopropyltoluene	13.610	119	174046	22.585	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	86752	21.107	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	85701	21.438	ug/l	97
89) n-Butylbenzene	13.939	91	126298	21.651	ug/l	97
90) Hexachloroethane	14.204	117	29034	21.059	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	87860	21.314	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	13417	21.370	ug/l	79
93) 1,2,4-Trichlorobenzene	15.257	180	36902	20.487	ug/l	99
94) Hexachlorobutadiene	15.363	225	23651	20.907	ug/l	95
95) Naphthalene	15.504	128	96615	18.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	35232	18.964	ug/l	95

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

