

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
 Data File : VN072375.D
 Acq On : 09 May 2022 13:19
 Operator : JC\MD
 Sample : VN0509WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/10/2022
 Supervised By : Mahesh Dadoda 05/10/2022

Quant Time: May 10 06:44:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	284704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	466160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	421626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	174674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	199365	45.613	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.220%		
35) Dibromofluoromethane	8.016	113	153738	51.526	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.060%		
50) Toluene-d8	10.433	98	574670	49.016	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.040%		
62) 4-Bromofluorobenzene	12.727	95	200330	51.479	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	50744	15.786	ug/l	99
3) Chloromethane	2.299	50	56128	15.110	ug/l	95
4) Vinyl Chloride	2.440	62	49226	15.359	ug/l	99
5) Bromomethane	2.840	94	30890	18.733	ug/l	97
6) Chloroethane	3.010	64	30291	15.580	ug/l	95
7) Trichlorofluoromethane	3.369	101	92445	16.510	ug/l	98
8) Diethyl Ether	3.828	74	38910	19.191	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	54716	18.603	ug/l	99
10) Methyl Iodide	4.422	142	59896	16.777	ug/l	92
11) Tert butyl alcohol	5.363	59	66671	92.820	ug/l	100
12) 1,1-Dichloroethene	4.187	96	47125	17.331	ug/l	95
13) Acrolein	4.040	56	50719	70.165	ug/l	97
14) Allyl chloride	4.840	41	99005	17.536	ug/l	94
15) Acrylonitrile	5.546	53	192112	88.632	ug/l	100
16) Acetone	4.287	43	177312	94.092	ug/l	95
17) Carbon Disulfide	4.534	76	91422	14.549	ug/l	99
18) Methyl Acetate	4.851	43	101774	19.295	ug/l #	89
19) Methyl tert-butyl Ether	5.604	73	205307	19.262	ug/l	99
20) Methylene Chloride	5.099	84	62475	17.296	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	49543	16.523	ug/l	91
22) Diisopropyl ether	6.487	45	224336	19.291	ug/l	96
23) Vinyl Acetate	6.428	43	924914	94.700	ug/l #	94
24) 1,1-Dichloroethane	6.381	63	117142	18.008	ug/l	96
25) 2-Butanone	7.328	43	273618	91.172	ug/l	93
26) 2,2-Dichloropropane	7.322	77	97795	19.246	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	65558	17.935	ug/l	90
28) Bromochloromethane	7.657	49	56526	19.407	ug/l	84
29) Tetrahydrofuran	7.681	42	180817	91.807	ug/l	88
30) Chloroform	7.816	83	116526	17.841	ug/l	97
31) Cyclohexane	8.092	56	93360	15.986	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	101191	18.206	ug/l	100
36) 1,1-Dichloropropene	8.216	75	81093	18.672	ug/l	97
37) Ethyl Acetate	7.404	43	109757	19.030	ug/l	94
38) Carbon Tetrachloride	8.198	117	85214	18.320	ug/l	97
39) Methylcyclohexane	9.457	83	88154	18.149	ug/l	94
40) Benzene	8.457	78	246834	18.323	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	58880	20.180	ug/l #	84
42) 1,2-Dichloroethane	8.522	62	97490	18.903	ug/l	98
43) Isopropyl Acetate	8.557	43	167503	19.002	ug/l	96
44) Trichloroethene	9.210	130	62850	20.057	ug/l	98
45) 1,2-Dichloropropane	9.486	63	70893	19.476	ug/l	96
46) Dibromomethane	9.575	93	43935	19.267	ug/l	94
47) Bromodichloromethane	9.757	83	93129	19.464	ug/l	98
48) Methyl methacrylate	9.557	41	72750	19.096	ug/l	95
49) 1,4-Dioxane	9.563	88	26748	399.683	ug/l #	93
51) 4-Methyl-2-Pentanone	10.322	43	547484	100.606	ug/l	93
52) Toluene	10.504	92	155767	19.342	ug/l	98
53) t-1,3-Dichloropropene	10.710	75	98789	20.540	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	106285	20.433	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	67112	19.875	ug/l	97
56) Ethyl methacrylate	10.757	69	104988	19.279	ug/l	90
57) 1,3-Dichloropropane	11.039	76	117311	19.798	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.039	63	133570	95.732	ug/l	94
59) 2-Hexanone	11.081	43	383591	100.048	ug/l	92
60) Dibromochloromethane	11.233	129	70283	20.355	ug/l	100
61) 1,2-Dibromoethane	11.339	107	63623	19.159	ug/l	97
64) Tetrachloroethene	10.975	164	52468	20.673	ug/l	92
65) Chlorobenzene	11.763	112	163090	19.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	64764	20.176	ug/l	98
67) Ethyl Benzene	11.839	91	296878	19.983	ug/l	98
68) m/p-Xylenes	11.945	106	228810	41.474	ug/l	98
69) o-Xylene	12.275	106	112612	21.056	ug/l	97
70) Styrene	12.292	104	179048	21.253	ug/l	99
71) Bromoform	12.451	173	50128	20.997	ug/l #	97
73) Isopropylbenzene	12.575	105	288695	18.713	ug/l	98
74) N-amyl acetate	12.386	43	103706	17.943	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.822	83	99264	18.379	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	87835m	22.170	ug/l	
77) Bromobenzene	12.857	156	68328	18.729	ug/l	93
78) n-propylbenzene	12.916	91	319374	18.792	ug/l	97
79) 2-Chlorotoluene	13.004	91	202567	18.146	ug/l	96
80) 1,3,5-Trimethylbenzene	13.051	105	242599	18.882	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.622	75	26079	17.263	ug/l	89
82) 4-Chlorotoluene	13.098	91	189836	18.268	ug/l	95
83) tert-Butylbenzene	13.316	119	217010	19.238	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	232366	18.693	ug/l	97
85) sec-Butylbenzene	13.498	105	287956	19.580	ug/l	97
86) p-Isopropyltoluene	13.610	119	229316	20.000	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	116063	19.656	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	114526	19.945	ug/l	98
89) n-Butylbenzene	13.939	91	167437	19.065	ug/l	98
90) Hexachloroethane	14.204	117	42603	17.117	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	116213	19.968	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.592	75	17984	16.855	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	46283	18.790	ug/l	99
94) Hexachlorobutadiene	15.363	225	31118	19.954	ug/l	95
95) Naphthalene	15.504	128	126063	17.035	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	45431	18.711	ug/l	97

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

