

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030422\
 Data File : VN071163.D
 Acq On : 04 Mar 2022 11:53
 Operator : JC\MD
 Sample : VN0304WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 04 22:15:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	610283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	968875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	850729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	333127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	408382	58.580	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.160%			
35) Dibromofluoromethane	8.016	113	314454	54.566	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.140%			
50) Toluene-d8	10.433	98	1245232	53.805	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.620%			
62) 4-Bromofluorobenzene	12.722	95	394484	47.687	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	99558	15.707	ug/l	100
3) Chloromethane	2.305	50	142502	17.886	ug/l	99
4) Vinyl Chloride	2.446	62	131328	16.466	ug/l	99
5) Bromomethane	2.857	94	80297	17.723	ug/l	97
6) Chloroethane	3.022	64	85231	16.289	ug/l	100
7) Trichlorofluoromethane	3.381	101	183338	18.343	ug/l	90
8) Diethyl Ether	3.822	74	79371	18.267	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.222	101	110038	17.944	ug/l	94
10) Methyl Iodide	4.428	142	141472	16.657	ug/l	99
11) Tert butyl alcohol	5.357	59	117014	92.102	ug/l	99
12) 1,1-Dichloroethene	4.187	96	101482	16.985	ug/l	94
13) Acrolein	4.046	56	78806	69.415	ug/l	100
14) Allyl chloride	4.846	41	218962	19.216	ug/l	87
15) Acrylonitrile	5.546	53	403714	107.879	ug/l	99
16) Acetone	4.281	43	389935	101.564	ug/l	96
17) Carbon Disulfide	4.540	76	233212	13.611	ug/l	99
18) Methyl Acetate	4.851	43	190104	22.280	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	416244	19.861	ug/l	95
20) Methylene Chloride	5.098	84	130029	18.635	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	109267	17.039	ug/l	89
22) Diisopropyl ether	6.493	45	482801	22.092	ug/l	92
23) Vinyl Acetate	6.428	43	1958673	105.875	ug/l	98
24) 1,1-Dichloroethane	6.387	63	242769	19.816	ug/l	100
25) 2-Butanone	7.328	43	568456	111.301	ug/l	91
26) 2,2-Dichloropropane	7.322	77	194738	19.126	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	137269	18.624	ug/l	90
28) Bromochloromethane	7.657	49	113650	22.920	ug/l	85
29) Tetrahydrofuran	7.681	42	362659	109.610	ug/l	92
30) Chloroform	7.810	83	240367	19.949	ug/l	96
31) Cyclohexane	8.092	56	222035	18.416	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	201043	19.321	ug/l	97
36) 1,1-Dichloropropene	8.222	75	167074	17.696	ug/l	97
37) Ethyl Acetate	7.404	43	222875	22.011	ug/l	98
38) Carbon Tetrachloride	8.198	117	165411	17.781	ug/l	99
39) Methylcyclohexane	9.457	83	197946	16.293	ug/l	94
40) Benzene	8.457	78	530087	18.980	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	104159	19.531	ug/l	93
42) 1,2-Dichloroethane	8.528	62	193544	20.348	ug/l	99
43) Isopropyl Acetate	8.557	43	358489	22.461	ug/l	95
44) Trichloroethene	9.210	130	125021	17.000	ug/l	92
45) 1,2-Dichloropropane	9.486	63	145446	20.331	ug/l	99
46) Dibromomethane	9.575	93	88376	18.772	ug/l	98
47) Bromodichloromethane	9.757	83	182106	19.139	ug/l	96
48) Methyl methacrylate	9.557	41	157501	20.849	ug/l #	84
49) 1,4-Dioxane	9.563	88	48641	362.510	ug/l	87
51) 4-Methyl-2-Pentanone	10.322	43	1063843	109.554	ug/l	99
52) Toluene	10.498	92	333806	19.021	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	191664	18.525	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	213560	18.796	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	134421	19.569	ug/l	95
56) Ethyl methacrylate	10.757	69	204344	19.744	ug/l	91
57) 1,3-Dichloropropane	11.039	76	237291	19.971	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	143738	86.294	ug/l	93
59) 2-Hexanone	11.080	43	716084	107.221	ug/l	99
60) Dibromochloromethane	11.233	129	134252	18.493	ug/l	100
61) 1,2-Dibromoethane	11.339	107	128195	18.348	ug/l	99
64) Tetrachloroethene	10.975	164	110242	16.639	ug/l	99
65) Chlorobenzene	11.763	112	343045	18.713	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	129990	19.453	ug/l	99
67) Ethyl Benzene	11.839	91	610976	19.042	ug/l	99
68) m/p-Xylenes	11.951	106	461428	37.232	ug/l	100
69) o-Xylene	12.275	106	229212	18.933	ug/l	99
70) Styrene	12.286	104	353415	18.359	ug/l	97
71) Bromoform	12.451	173	96417	18.117	ug/l #	100
73) Isopropylbenzene	12.574	105	585275	21.827	ug/l	99
74) N-amyl acetate	12.386	43	184802	21.561	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	195656	22.962	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	167252m	21.324	ug/l	
77) Bromobenzene	12.851	156	135523	20.646	ug/l	86
78) n-propylbenzene	12.916	91	632867	21.007	ug/l	97
79) 2-Chlorotoluene	13.004	91	402724	22.012	ug/l	93
80) 1,3,5-Trimethylbenzene	13.051	105	479201	22.059	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.616	75	48233	19.927	ug/l	93
82) 4-Chlorotoluene	13.098	91	367243	20.679	ug/l	95
83) tert-Butylbenzene	13.316	119	428862	20.817	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	455920	21.321	ug/l	99
85) sec-Butylbenzene	13.492	105	561499	20.684	ug/l	100
86) p-Isopropyltoluene	13.610	119	441500	19.811	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	218868	18.836	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	209606	18.411	ug/l	97
89) n-Butylbenzene	13.939	91	316855	17.427	ug/l	97
90) Hexachloroethane	14.204	117	84432	21.215	ug/l	89
91) 1,2-Dichlorobenzene	13.980	146	213882	19.602	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28523	20.661	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	77040	14.058	ug/l	99
94) Hexachlorobutadiene	15.363	225	63930	16.067	ug/l	98
95) Naphthalene	15.498	128	142862	13.625	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	68148	13.963	ug/l	98

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

