

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022322\
 Data File : VN071035.D
 Acq On : 23 Feb 2022 16:02
 Operator : JC\MD
 Sample : VN0223WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 24 00:39:56 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	576045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	926595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	838562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	312121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	367823	55.898	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.800%			
35) Dibromofluoromethane	8.022	113	284600	51.639	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.280%			
50) Toluene-d8	10.439	98	1119760	50.592	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.180%			
62) 4-Bromofluorobenzene	12.727	95	358278	45.286	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	101449	16.956	ug/l	98
3) Chloromethane	2.299	50	140396	18.669	ug/l	99
4) Vinyl Chloride	2.446	62	127019	16.873	ug/l	98
5) Bromomethane	2.846	94	75301	17.608	ug/l	98
6) Chloroethane	3.010	64	79232	16.043	ug/l	94
7) Trichlorofluoromethane	3.375	101	171574	18.186	ug/l	96
8) Diethyl Ether	3.828	74	77414	18.876	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.216	101	102396	17.690	ug/l	96
10) Methyl Iodide	4.428	142	141243	17.619	ug/l	97
11) Tert butyl alcohol	5.363	59	128082	106.805	ug/l	98
12) 1,1-Dichloroethene	4.187	96	97460	17.282	ug/l	99
13) Acrolein	4.040	56	125925	117.512	ug/l	98
14) Allyl chloride	4.840	41	203490	18.920	ug/l	86
15) Acrylonitrile	5.551	53	402410	113.922	ug/l	99
16) Acetone	4.287	43	328981	90.781	ug/l	95
17) Carbon Disulfide	4.534	76	235875	14.585	ug/l	99
18) Methyl Acetate	4.851	43	185478	23.050	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	404337	20.439	ug/l	96
20) Methylene Chloride	5.092	84	131325	19.940	ug/l	95
21) trans-1,2-Dichloroethene	5.604	96	104647	17.289	ug/l	91
22) Diisopropyl ether	6.492	45	455143	22.064	ug/l	93
23) Vinyl Acetate	6.434	43	1890412	108.259	ug/l	98
24) 1,1-Dichloroethane	6.392	63	229372	19.835	ug/l	98
25) 2-Butanone	7.328	43	535367	111.053	ug/l	95
26) 2,2-Dichloropropane	7.328	77	175867	18.299	ug/l	98
27) cis-1,2-Dichloroethene	7.328	96	132106	18.989	ug/l	92
28) Bromochloromethane	7.657	49	98520	21.050	ug/l	85
29) Tetrahydrofuran	7.681	42	373976	119.748	ug/l	93
30) Chloroform	7.816	83	224977	19.781	ug/l	100
31) Cyclohexane	8.092	56	213711	18.779	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	182022	18.532	ug/l	98
36) 1,1-Dichloropropene	8.216	75	159580	17.673	ug/l	97
37) Ethyl Acetate	7.410	43	223858	23.117	ug/l	98
38) Carbon Tetrachloride	8.204	117	154793	17.399	ug/l	100
39) Methylcyclohexane	9.457	83	190111	16.362	ug/l	92
40) Benzene	8.457	78	512341	19.182	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	111036	21.771	ug/l #	91
42) 1,2-Dichloroethane	8.528	62	181802	19.986	ug/l	98
43) Isopropyl Acetate	8.557	43	332659	21.794	ug/l	98
44) Trichloroethene	9.216	130	122641	17.437	ug/l	99
45) 1,2-Dichloropropane	9.486	63	138770	20.283	ug/l	99
46) Dibromomethane	9.575	93	86565	19.226	ug/l	97
47) Bromodichloromethane	9.757	83	170480	18.735	ug/l	97
48) Methyl methacrylate	9.557	41	157146	21.751	ug/l #	85
49) 1,4-Dioxane	9.563	88	53852	419.660	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	1070718	115.293	ug/l	99
52) Toluene	10.504	92	317192	18.899	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	184239	18.620	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	205264	18.890	ug/l	95
55) 1,1,2-Trichloroethane	10.898	97	131142	19.962	ug/l	95
56) Ethyl methacrylate	10.757	69	202345	20.443	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	232195	20.433	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	173543	100.595	ug/l	94
59) 2-Hexanone	11.080	43	728521	114.061	ug/l	99
60) Dibromochloromethane	11.233	129	130531	18.801	ug/l	98
61) 1,2-Dibromoethane	11.339	107	131721	19.712	ug/l	97
64) Tetrachloroethene	10.974	164	113265	17.343	ug/l	97
65) Chlorobenzene	11.769	112	328633	18.187	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	124141	18.847	ug/l	100
67) Ethyl Benzene	11.839	91	576569	18.231	ug/l	97
68) m/p-Xylenes	11.951	106	439707	35.994	ug/l	99
69) o-Xylene	12.274	106	216944	18.179	ug/l	98
70) Styrene	12.292	104	337520	17.788	ug/l	97
71) Bromoform	12.457	173	91845	17.508	ug/l #	98
73) Isopropylbenzene	12.574	105	553072	22.014	ug/l	100
74) N-amyl acetate	12.386	43	186206	23.187	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	193882	24.286	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	151455m	20.609	ug/l	
77) Bromobenzene	12.857	156	128395	20.877	ug/l	83
78) n-propylbenzene	12.915	91	583030	20.655	ug/l	98
79) 2-Chlorotoluene	13.004	91	377640	22.030	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	440615	21.648	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	47917	21.129	ug/l	95
82) 4-Chlorotoluene	13.104	91	343405	20.638	ug/l	95
83) tert-Butylbenzene	13.321	119	389689	20.188	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	428551	21.389	ug/l	100
85) sec-Butylbenzene	13.498	105	515403	20.264	ug/l	100
86) p-Isopropyltoluene	13.610	119	409547	19.614	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	210511	19.336	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	199710	18.723	ug/l	98
89) n-Butylbenzene	13.939	91	288291	16.923	ug/l	96
90) Hexachloroethane	14.204	117	75505	20.249	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	204941	20.046	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	29636	22.912	ug/l	87
93) 1,2,4-Trichlorobenzene	15.262	180	79532	15.286	ug/l	99
94) Hexachlorobutadiene	15.368	225	58885	15.795	ug/l	98
95) Naphthalene	15.504	128	174080	16.220	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	74968	15.956	ug/l	99

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

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