

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030222\
 Data File : VN071137.D
 Acq On : 02 Mar 2022 12:39
 Operator : JC\MD
 Sample : VN0302WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 03:37:16 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	628189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1011293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	912963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	358279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	404230	56.332	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.660%			
35) Dibromofluoromethane	8.022	113	309276	51.416	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.840%			
50) Toluene-d8	10.439	98	1246572	51.604	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.200%			
62) 4-Bromofluorobenzene	12.727	95	416484	48.235	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	112102	17.181	ug/l	98
3) Chloromethane	2.299	50	153085	18.667	ug/l	98
4) Vinyl Chloride	2.446	62	141283	17.209	ug/l	99
5) Bromomethane	2.840	94	79625	17.074	ug/l	99
6) Chloroethane	3.010	64	88933	16.512	ug/l	94
7) Trichlorofluoromethane	3.375	101	198173	19.262	ug/l	96
8) Diethyl Ether	3.822	74	83952	18.771	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.210	101	117675	18.642	ug/l	94
10) Methyl Iodide	4.422	142	147359	16.856	ug/l	99
11) Tert butyl alcohol	5.363	59	147747	112.977	ug/l	97
12) 1,1-Dichloroethene	4.181	96	109064	17.734	ug/l	97
13) Acrolein	4.040	56	101821	87.131	ug/l	98
14) Allyl chloride	4.834	41	236278	20.145	ug/l #	85
15) Acrylonitrile	5.551	53	447791	116.247	ug/l	99
16) Acetone	4.287	43	375987	95.140	ug/l	97
17) Carbon Disulfide	4.534	76	250512	14.204	ug/l	98
18) Methyl Acetate	4.851	43	211952	24.183	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	445911	20.670	ug/l	97
20) Methylene Chloride	5.098	84	137562	19.153	ug/l	93
21) trans-1,2-Dichloroethene	5.598	96	116255	17.612	ug/l	97
22) Diisopropyl ether	6.487	45	508198	22.591	ug/l	94
23) Vinyl Acetate	6.428	43	2114228	111.026	ug/l	98
24) 1,1-Dichloroethane	6.381	63	261028	20.699	ug/l	99
25) 2-Butanone	7.328	43	612524	116.511	ug/l	95
26) 2,2-Dichloropropane	7.322	77	206953	19.746	ug/l	99
27) cis-1,2-Dichloroethene	7.328	96	148363	19.556	ug/l	90
28) Bromochloromethane	7.651	49	119613	23.435	ug/l	83
29) Tetrahydrofuran	7.681	42	418156	122.781	ug/l	92
30) Chloroform	7.816	83	247521	19.957	ug/l	100
31) Cyclohexane	8.092	56	240731	19.397	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	210184	19.623	ug/l	98
36) 1,1-Dichloropropene	8.222	75	176630	17.923	ug/l	96
37) Ethyl Acetate	7.410	43	241880	22.886	ug/l	98
38) Carbon Tetrachloride	8.204	117	174896	18.012	ug/l	99
39) Methylcyclohexane	9.457	83	221480	17.466	ug/l	94
40) Benzene	8.457	78	567217	19.458	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	131164	23.563	ug/l	88
42) 1,2-Dichloroethane	8.528	62	203840	20.532	ug/l	98
43) Isopropyl Acetate	8.557	43	375662	22.550	ug/l	97
44) Trichloroethene	9.216	130	136119	17.733	ug/l	98
45) 1,2-Dichloropropane	9.486	63	151624	20.306	ug/l	98
46) Dibromomethane	9.569	93	94745	19.281	ug/l	98
47) Bromodichloromethane	9.757	83	194216	19.556	ug/l	99
48) Methyl methacrylate	9.557	41	179230	22.730	ug/l #	82
49) 1,4-Dioxane	9.563	88	62861	448.838	ug/l	88
51) 4-Methyl-2-Pentanone	10.328	43	1210338	119.412	ug/l	99
52) Toluene	10.504	92	352724	19.256	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	206943	19.163	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	226230	19.076	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	142904	19.931	ug/l	100
56) Ethyl methacrylate	10.757	69	226833	20.997	ug/l	91
57) 1,3-Dichloropropane	11.039	76	256555	20.686	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	169415	93.334	ug/l	94
59) 2-Hexanone	11.080	43	831004	119.210	ug/l	99
60) Dibromochloromethane	11.233	129	141820	18.716	ug/l	99
61) 1,2-Dibromoethane	11.339	107	141160	19.356	ug/l	99
64) Tetrachloroethene	10.975	164	119420	16.796	ug/l	98
65) Chlorobenzene	11.763	112	365384	18.573	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	136674	19.059	ug/l	99
67) Ethyl Benzene	11.839	91	655219	19.029	ug/l	98
68) m/p-Xylenes	11.951	106	494748	37.199	ug/l	97
69) o-Xylene	12.274	106	249889	19.234	ug/l	98
70) Styrene	12.292	104	389725	18.865	ug/l	97
71) Bromoform	12.457	173	102926	18.022	ug/l #	97
73) Isopropylbenzene	12.574	105	638822	22.152	ug/l	99
74) N-amyl acetate	12.386	43	221984	24.081	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	219882	23.994	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	167238m	19.825	ug/l	
77) Bromobenzene	12.857	156	145283	20.579	ug/l	81
78) n-propylbenzene	12.916	91	690091	21.298	ug/l	97
79) 2-Chlorotoluene	13.004	91	434365	22.075	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	512128	21.920	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	57608	22.129	ug/l	91
82) 4-Chlorotoluene	13.098	91	396221	20.744	ug/l	95
83) tert-Butylbenzene	13.321	119	459471	20.737	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	495172	21.531	ug/l	100
85) sec-Butylbenzene	13.498	105	609481	20.875	ug/l	98
86) p-Isopropyltoluene	13.610	119	483446	20.171	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	242369	19.394	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	226973	18.537	ug/l	97
89) n-Butylbenzene	13.939	91	340112	17.393	ug/l	97
90) Hexachloroethane	14.204	117	90688	21.187	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	233060	19.860	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	31997	21.550	ug/l	92
93) 1,2,4-Trichlorobenzene	15.262	180	90544	15.177	ug/l	99
94) Hexachlorobutadiene	15.368	225	67175	15.697	ug/l	99
95) Naphthalene	15.504	128	199493	16.201	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	86785	16.070	ug/l	98

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

