

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030222\
 Data File : VN071138.D
 Acq On : 02 Mar 2022 13:16
 Operator : JC\MD
 Sample : VN0302WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS02

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 03:37:42 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	582610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	951726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	860829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	342328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	391140	58.772	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.540%			
35) Dibromofluoromethane	8.016	113	298804	52.784	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.560%			
50) Toluene-d8	10.439	98	1165906	51.286	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.580%			
62) 4-Bromofluorobenzene	12.727	95	398358	49.023	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	105239	17.391	ug/l	96
3) Chloromethane	2.299	50	143456	18.861	ug/l	99
4) Vinyl Chloride	2.446	62	133471	17.530	ug/l	99
5) Bromomethane	2.846	94	79285	18.331	ug/l	100
6) Chloroethane	3.016	64	84763	16.969	ug/l	96
7) Trichlorofluoromethane	3.375	101	185434	19.434	ug/l	96
8) Diethyl Ether	3.828	74	83725	20.184	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	112990	19.300	ug/l	93
10) Methyl Iodide	4.422	142	144947	17.877	ug/l	100
11) Tert butyl alcohol	5.357	59	147386	121.517	ug/l	99
12) 1,1-Dichloroethene	4.187	96	103556	18.156	ug/l	95
13) Acrolein	4.040	56	103067	95.098	ug/l	94
14) Allyl chloride	4.840	41	228549	21.010	ug/l #	84
15) Acrylonitrile	5.551	53	450567	126.118	ug/l	99
16) Acetone	4.281	43	362735	98.967	ug/l	99
17) Carbon Disulfide	4.528	76	245402	15.003	ug/l	98
18) Methyl Acetate	4.851	43	208977	25.747	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	439588	21.971	ug/l	93
20) Methylene Chloride	5.093	84	135586	20.355	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	113156	18.484	ug/l	88
22) Diisopropyl ether	6.493	45	494246	23.690	ug/l	96
23) Vinyl Acetate	6.428	43	2096122	118.687	ug/l	98
24) 1,1-Dichloroethane	6.387	63	250618	21.429	ug/l	99
25) 2-Butanone	7.328	43	602512	123.573	ug/l	94
26) 2,2-Dichloropropane	7.322	77	193748	19.933	ug/l	98
27) cis-1,2-Dichloroethene	7.328	96	139545	19.832	ug/l	89
28) Bromochloromethane	7.651	49	118299	24.991	ug/l	83
29) Tetrahydrofuran	7.681	42	418292	132.429	ug/l	91
30) Chloroform	7.816	83	240910	20.943	ug/l	96
31) Cyclohexane	8.092	56	228337	19.838	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	203489	20.485	ug/l	98
36) 1,1-Dichloropropene	8.216	75	170315	18.364	ug/l	98
37) Ethyl Acetate	7.404	43	256013	25.739	ug/l	98
38) Carbon Tetrachloride	8.204	117	168411	18.430	ug/l	98
39) Methylcyclohexane	9.451	83	206168	17.276	ug/l	95
40) Benzene	8.457	78	543257	19.803	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	130640	24.938	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	199018	21.301	ug/l	99
43) Isopropyl Acetate	8.557	43	372625	23.767	ug/l	98
44) Trichloroethene	9.216	130	127349	17.629	ug/l	96
45) 1,2-Dichloropropane	9.486	63	148233	21.094	ug/l	98
46) Dibromomethane	9.575	93	92126	19.921	ug/l	99
47) Bromodichloromethane	9.757	83	186030	19.904	ug/l	98
48) Methyl methacrylate	9.557	41	176412	23.773	ug/l #	82
49) 1,4-Dioxane	9.563	88	61084	463.448	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	1197612	125.552	ug/l	99
52) Toluene	10.498	92	340839	19.772	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	201810	19.857	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	224329	20.099	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	139008	20.601	ug/l	97
56) Ethyl methacrylate	10.757	69	225156	22.147	ug/l	92
57) 1,3-Dichloropropane	11.039	76	251622	21.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	163059	94.733	ug/l	95
59) 2-Hexanone	11.080	43	833629	127.071	ug/l	99
60) Dibromochloromethane	11.233	129	140883	19.756	ug/l	98
61) 1,2-Dibromoethane	11.339	107	138449	20.172	ug/l	100
64) Tetrachloroethene	10.975	164	117694	17.555	ug/l	98
65) Chlorobenzene	11.763	112	350074	18.872	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	131898	19.507	ug/l	99
67) Ethyl Benzene	11.839	91	631566	19.453	ug/l	95
68) m/p-Xylenes	11.951	106	480343	38.303	ug/l	99
69) o-Xylene	12.275	106	239435	19.545	ug/l	98
70) Styrene	12.292	104	369492	18.969	ug/l	97
71) Bromoform	12.451	173	103339	19.190	ug/l #	100
73) Isopropylbenzene	12.575	105	607015	22.030	ug/l	100
74) N-amyl acetate	12.386	43	227153	25.790	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	223026	25.471	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	165060m	20.478	ug/l	
77) Bromobenzene	12.857	156	143529	21.278	ug/l	80
78) n-propylbenzene	12.916	91	660761	21.343	ug/l	98
79) 2-Chlorotoluene	13.004	91	418503	22.260	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	495761	22.208	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	54738	22.007	ug/l	94
82) 4-Chlorotoluene	13.098	91	393705	21.573	ug/l	94
83) tert-Butylbenzene	13.322	119	442414	20.897	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	472078	21.483	ug/l	99
85) sec-Butylbenzene	13.498	105	588675	21.102	ug/l	98
86) p-Isopropyltoluene	13.610	119	463598	20.244	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	236315	19.791	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	224658	19.203	ug/l	96
89) n-Butylbenzene	13.939	91	330884	17.710	ug/l	95
90) Hexachloroethane	14.204	117	86096	21.052	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	233741	20.846	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.604	75	34165	24.082	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	97502	16.851	ug/l	98
94) Hexachlorobutadiene	15.368	225	67260	16.449	ug/l	98
95) Naphthalene	15.504	128	223989	18.164	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	92145	17.577	ug/l	97

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

