

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022522\
 Data File : VN071071.D
 Acq On : 25 Feb 2022 15:46
 Operator : JC\MD
 Sample : VN0225WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 03:42:18 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	686051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1088283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	977575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	400715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	462924	59.070	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.140%			
35) Dibromofluoromethane	8.016	113	358731	55.419	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.840%			
50) Toluene-d8	10.439	98	1436060	55.243	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.480%			
62) 4-Bromofluorobenzene	12.727	95	483704	52.056	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	126611	17.768	ug/l	96
3) Chloromethane	2.299	50	167636	18.717	ug/l	99
4) Vinyl Chloride	2.446	62	157036	17.515	ug/l	100
5) Bromomethane	2.857	94	91109	17.888	ug/l	97
6) Chloroethane	3.016	64	101702	17.290	ug/l	100
7) Trichlorofluoromethane	3.375	101	215816	19.208	ug/l	99
8) Diethyl Ether	3.828	74	89707	18.366	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.216	101	129083	18.725	ug/l	94
10) Methyl Iodide	4.422	142	175267	18.357	ug/l	98
11) Tert butyl alcohol	5.357	59	146192	102.359	ug/l	97
12) 1,1-Dichloroethene	4.193	96	117534	17.499	ug/l	99
13) Acrolein	4.040	56	93909	73.583	ug/l	96
14) Allyl chloride	4.840	41	246748	19.263	ug/l	87
15) Acrylonitrile	5.545	53	451986	107.439	ug/l	99
16) Acetone	4.281	43	486920	112.819	ug/l	97
17) Carbon Disulfide	4.534	76	291297	15.124	ug/l	99
18) Methyl Acetate	4.851	43	216462	22.575	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	476359	20.219	ug/l	96
20) Methylene Chloride	5.093	84	147325	18.782	ug/l	91
21) trans-1,2-Dichloroethene	5.593	96	129798	18.005	ug/l	95
22) Diisopropyl ether	6.492	45	535584	21.800	ug/l	90
23) Vinyl Acetate	6.428	43	2227577	107.112	ug/l	99
24) 1,1-Dichloroethane	6.387	63	276581	20.083	ug/l	99
25) 2-Butanone	7.328	43	657157	114.458	ug/l	97
26) 2,2-Dichloropropane	7.322	77	227394	19.867	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	159477	19.248	ug/l	92
28) Bromochloromethane	7.657	49	114068	20.464	ug/l	86
29) Tetrahydrofuran	7.681	42	421690	113.375	ug/l	91
30) Chloroform	7.810	83	266071	19.643	ug/l	100
31) Cyclohexane	8.092	56	264476	19.513	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	229798	19.645	ug/l	99
36) 1,1-Dichloropropene	8.216	75	193357	18.232	ug/l	96
37) Ethyl Acetate	7.410	43	255714	22.483	ug/l	96
38) Carbon Tetrachloride	8.204	117	192482	18.421	ug/l	99
39) Methylcyclohexane	9.457	83	238898	17.507	ug/l	95
40) Benzene	8.457	78	604350	19.265	ug/l	98

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41) Methacrylonitrile	7.628	41	133576	22.299	ug/l	86
42) 1,2-Dichloroethane	8.528	62	210049	19.660	ug/l	98
43) Isopropyl Acetate	8.557	43	384471	21.446	ug/l	98
44) Trichloroethene	9.210	130	146602	17.747	ug/l	96
45) 1,2-Dichloropropane	9.486	63	162624	20.238	ug/l	99
46) Dibromomethane	9.575	93	101641	19.221	ug/l	96
47) Bromodichloromethane	9.757	83	202952	18.990	ug/l	100
48) Methyl methacrylate	9.551	41	180043	21.217	ug/l #	84
49) 1,4-Dioxane	9.563	88	63382	420.542	ug/l	91
51) 4-Methyl-2-Pentanone	10.328	43	1217562	111.627	ug/l	97
52) Toluene	10.504	92	380132	19.284	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	223200	19.206	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	246470	19.312	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	150422	19.495	ug/l	98
56) Ethyl methacrylate	10.757	69	239441	20.596	ug/l	92
57) 1,3-Dichloropropane	11.039	76	264851	19.844	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	176554	91.391	ug/l	97
59) 2-Hexanone	11.080	43	874285	116.546	ug/l	99
60) Dibromochloromethane	11.233	129	152455	18.696	ug/l	100
61) 1,2-Dibromoethane	11.339	107	150463	19.172	ug/l	99
64) Tetrachloroethene	10.975	164	130480	17.138	ug/l	95
65) Chlorobenzene	11.763	112	393593	18.684	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	145018	18.886	ug/l	99
67) Ethyl Benzene	11.839	91	711935	19.310	ug/l	96
68) m/p-Xylenes	11.951	106	537162	37.719	ug/l	98
69) o-Xylene	12.274	106	269766	19.391	ug/l	99
70) Styrene	12.292	104	421435	19.052	ug/l	98
71) Bromoform	12.451	173	108869	17.802	ug/l #	99
73) Isopropylbenzene	12.574	105	694764	21.540	ug/l	99
74) N-amyl acetate	12.386	43	244156	23.681	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	228218	22.266	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	202090m	21.419	ug/l	
77) Bromobenzene	12.857	156	158556	20.081	ug/l	82
78) n-propylbenzene	12.916	91	761299	21.008	ug/l	98
79) 2-Chlorotoluene	13.004	91	477188	21.683	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	558724	21.382	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	62028	21.304	ug/l	91
82) 4-Chlorotoluene	13.098	91	446858	20.918	ug/l	96
83) tert-Butylbenzene	13.316	119	508278	20.510	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	539516	20.974	ug/l	100
85) sec-Butylbenzene	13.498	105	672212	20.586	ug/l	98
86) p-Isopropyltoluene	13.610	119	539444	20.124	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	268377	19.201	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	261610	19.103	ug/l	97
89) n-Butylbenzene	13.939	91	394905	18.056	ug/l	96
90) Hexachloroethane	14.204	117	95410	19.930	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	264992	20.190	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	36258	21.834	ug/l	90
93) 1,2,4-Trichlorobenzene	15.262	180	113123	16.720	ug/l	100
94) Hexachlorobutadiene	15.368	225	81205	16.966	ug/l	98
95) Naphthalene	15.504	128	259541	18.031	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	110657	17.968	ug/l	98

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

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