

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071424.D
 Acq On : 21 Mar 2022 17:29
 Operator : JC\MD
 Sample : VN0321WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS01

Quant Time: Mar 22 06:19:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	554861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	916759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	837683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	354913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	441579	58.068	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.140%			
35) Dibromofluoromethane	8.016	113	319821	55.284	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.560%			
50) Toluene-d8	10.439	98	1236275	53.076	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.160%			
62) 4-Bromofluorobenzene	12.727	95	429317	54.431	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	100965	16.603	ug/l	97
3) Chloromethane	2.299	50	147581	18.055	ug/l	99
4) Vinyl Chloride	2.440	62	131942	17.704	ug/l	98
5) Bromomethane	2.840	94	76667	19.379	ug/l	99
6) Chloroethane	3.010	64	85506	18.946	ug/l	99
7) Trichlorofluoromethane	3.369	101	189622	19.331	ug/l	98
8) Diethyl Ether	3.828	74	98900	23.562	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	111957	19.716	ug/l	94
10) Methyl Iodide	4.422	142	145965	18.200	ug/l	99
11) Tert butyl alcohol	5.357	59	153320	102.631	ug/l	96
12) 1,1-Dichloroethene	4.187	96	105626	18.988	ug/l	96
13) Acrolein	4.040	56	90243	57.072	ug/l	100
14) Allyl chloride	4.840	41	233828	19.327	ug/l	87
15) Acrylonitrile	5.546	53	460193	103.744	ug/l	99
16) Acetone	4.281	43	383389	103.615	ug/l	95
17) Carbon Disulfide	4.534	76	237854	15.019	ug/l	99
18) Methyl Acetate	4.851	43	230129	23.410	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	465176	22.273	ug/l	97
20) Methylene Chloride	5.098	84	142301	21.263	ug/l	93
21) trans-1,2-Dichloroethene	5.593	96	114140	18.759	ug/l	90
22) Diisopropyl ether	6.493	45	513615	21.548	ug/l	92
23) Vinyl Acetate	6.428	43	2216526	109.845	ug/l	98
24) 1,1-Dichloroethane	6.387	63	254863	20.235	ug/l	99
25) 2-Butanone	7.328	43	640513	107.460	ug/l	97
26) 2,2-Dichloropropane	7.322	77	194000	19.965	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	144175	19.965	ug/l	89
28) Bromochloromethane	7.657	49	121968	21.746	ug/l	83
29) Tetrahydrofuran	7.681	42	435266	105.409	ug/l	90
30) Chloroform	7.816	83	250142	20.823	ug/l	98
31) Cyclohexane	8.092	56	226558	18.656	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	209526	20.476	ug/l	98
36) 1,1-Dichloropropene	8.216	75	173679	18.738	ug/l	97
37) Ethyl Acetate	7.404	43	262088	20.546	ug/l	96
38) Carbon Tetrachloride	8.204	117	172877	19.283	ug/l	97
39) Methylcyclohexane	9.457	83	208491	19.120	ug/l	97
40) Benzene	8.457	78	556327	19.921	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	139288	22.312	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	210219	21.632	ug/l	98
43) Isopropyl Acetate	8.557	43	405296	21.246	ug/l	97
44) Trichloroethene	9.210	130	131993	20.032	ug/l	95
45) 1,2-Dichloropropane	9.486	63	155835	20.787	ug/l	100
46) Dibromomethane	9.575	93	98186	21.279	ug/l	96
47) Bromodichloromethane	9.757	83	192224	20.614	ug/l	100
48) Methyl methacrylate	9.557	41	191799	21.696	ug/l #	83
49) 1,4-Dioxane	9.569	88	64410	419.169	ug/l	90
51) 4-Methyl-2-Pentanone	10.328	43	1285831	108.613	ug/l	99
52) Toluene	10.504	92	346362	20.141	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	215085	20.925	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	235803	20.995	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	145506	21.116	ug/l	96
56) Ethyl methacrylate	10.757	69	244546	21.731	ug/l	92
57) 1,3-Dichloropropane	11.039	76	261352	21.130	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	266454	128.004	ug/l	94
59) 2-Hexanone	11.080	43	931680	115.341	ug/l	100
60) Dibromochloromethane	11.233	129	142185	20.767	ug/l	100
61) 1,2-Dibromoethane	11.339	107	143562	20.384	ug/l	99
64) Tetrachloroethene	10.975	164	114461	19.592	ug/l	98
65) Chlorobenzene	11.763	112	367116	20.407	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	136907	20.755	ug/l	99
67) Ethyl Benzene	11.839	91	661328	20.791	ug/l	97
68) m/p-Xylenes	11.951	106	495716	42.601	ug/l	99
69) o-Xylene	12.275	106	247630	21.230	ug/l	95
70) Styrene	12.292	104	391580	21.688	ug/l	97
71) Bromoform	12.457	173	103381	20.637	ug/l #	98
73) Isopropylbenzene	12.574	105	639312	18.686	ug/l	100
74) N-amyl acetate	12.380	43	272823	21.208	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	232778	21.432	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	182945m	19.549	ug/l	
77) Bromobenzene	12.857	156	169652	21.265	ug/l	89
78) n-propylbenzene	12.916	91	698468	19.025	ug/l	97
79) 2-Chlorotoluene	13.004	91	441780	18.746	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	520412	19.551	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	64828	19.745	ug/l	92
82) 4-Chlorotoluene	13.098	91	413938	19.719	ug/l	94
83) tert-Butylbenzene	13.321	119	470769	19.818	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	517156	20.284	ug/l	100
85) sec-Butylbenzene	13.498	105	621892	19.697	ug/l	99
86) p-Isopropyltoluene	13.610	119	510417	20.556	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	249309	19.233	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	243432	19.211	ug/l	98
89) n-Butylbenzene	13.939	91	392045	20.187	ug/l	96
90) Hexachloroethane	14.210	117	83011	16.811	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	243584	19.545	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	42980	21.591	ug/l	88
93) 1,2,4-Trichlorobenzene	15.263	180	122957	22.865	ug/l	99
94) Hexachlorobutadiene	15.368	225	68643	19.620	ug/l	98
95) Naphthalene	15.504	128	494001	32.353	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	123637	23.708	ug/l	99

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

