

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031422\
 Data File : VN071266.D
 Acq On : 14 Mar 2022 15:14
 Operator : JC\MD
 Sample : VN0314WBS04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS04

Quant Time: Mar 15 02:52:14 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 03/15/2022
 Supervised By : Mahesh Dadoda 03/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	736622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1217837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1069540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	430502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	434596	43.048	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.100%		
35) Dibromofluoromethane	8.016	113	331855	43.182	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	86.360%		
50) Toluene-d8	10.439	98	1322144	42.730	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	85.460%		
62) 4-Bromofluorobenzene	12.727	95	439273	41.924	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	83.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	122178	15.134	ug/l	99
3) Chloromethane	2.299	50	175382	16.158	ug/l	92
4) Vinyl Chloride	2.440	62	157802	15.950	ug/l	100
5) Bromomethane	2.840	94	91425	16.716	ug/l	96
6) Chloroethane	3.004	64	98132	16.378	ug/l	98
7) Trichlorofluoromethane	3.369	101	209996	16.126	ug/l	98
8) Diethyl Ether	3.822	74	91854	16.483	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	122974	16.313	ug/l	94
10) Methyl Iodide	4.422	142	154965	14.554	ug/l	98
11) Tert butyl alcohol	5.363	59	164099	82.742	ug/l	98
12) 1,1-Dichloroethene	4.181	96	117792	15.950	ug/l	96
13) Acrolein	4.040	56	87666	41.762	ug/l	98
14) Allyl chloride	4.840	41	253716	15.796	ug/l #	86
15) Acrylonitrile	5.545	53	481934	81.837	ug/l	98
16) Acetone	4.281	43	469956	95.670	ug/l	97
17) Carbon Disulfide	4.528	76	300323	14.285	ug/l	100
18) Methyl Acetate	4.851	43	246170	18.954	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	467936	16.877	ug/l	93
20) Methylene Chloride	5.093	84	151583	17.137	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	126713	15.687	ug/l	91
22) Diisopropyl ether	6.492	45	524418	16.573	ug/l	93
23) Vinyl Acetate	6.428	43	2258822	84.319	ug/l	98
24) 1,1-Dichloroethane	6.381	63	273179	16.338	ug/l	99
25) 2-Butanone	7.328	43	684278	86.475	ug/l	96
26) 2,2-Dichloropropane	7.322	77	224280	17.386	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	157428	16.421	ug/l	91
28) Bromochloromethane	7.651	49	112458	15.103	ug/l	83
29) Tetrahydrofuran	7.681	42	450475	82.174	ug/l	92
30) Chloroform	7.810	83	263389	16.516	ug/l	99
31) Cyclohexane	8.086	56	260521	16.159	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	228690	16.835	ug/l	97
36) 1,1-Dichloropropene	8.216	75	194061	15.761	ug/l	97
37) Ethyl Acetate	7.404	43	268030	15.817	ug/l	97
38) Carbon Tetrachloride	8.204	117	192752	16.184	ug/l	98
39) Methylcyclohexane	9.457	83	232074	16.022	ug/l	90
40) Benzene	8.457	78	599128	16.150	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	143239	17.272	ug/l #	83
42) 1,2-Dichloroethane	8.528	62	216671	16.784	ug/l	98
43) Isopropyl Acetate	8.557	43	496235	19.582	ug/l #	90
44) Trichloroethene	9.210	130	140061	16.001	ug/l	98
45) 1,2-Dichloropropane	9.486	63	161729	16.240	ug/l	99
46) Dibromomethane	9.575	93	99716	16.268	ug/l	98
47) Bromodichloromethane	9.757	83	203666	16.442	ug/l	99
48) Methyl methacrylate	9.557	41	194057	16.525	ug/l #	84
49) 1,4-Dioxane	9.563	88	70061	343.224	ug/l #	87
51) 4-Methyl-2-Pentanone	10.328	43	1303727	82.899	ug/l	99
52) Toluene	10.498	92	373579	16.353	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	225358	16.504	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	246981	16.554	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	147562	16.120	ug/l	97
56) Ethyl methacrylate	10.757	69	243365	16.280	ug/l	91
57) 1,3-Dichloropropane	11.039	76	266833	16.240	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	306161	114.481	ug/l	94
59) 2-Hexanone	11.080	43	956494	89.138	ug/l	99
60) Dibromochloromethane	11.233	129	153347	16.860	ug/l	99
61) 1,2-Dibromoethane	11.339	107	149074	15.934	ug/l	99
64) Tetrachloroethene	10.975	164	122754	16.456	ug/l	97
65) Chlorobenzene	11.763	112	381753	16.620	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	144000	17.098	ug/l	99
67) Ethyl Benzene	11.839	91	692229	17.045	ug/l	97
68) m/p-Xylenes	11.945	106	524486	35.302	ug/l	97
69) o-Xylene	12.274	106	260634	17.501	ug/l	97
70) Styrene	12.292	104	413060	17.918	ug/l	96
71) Bromoform	12.457	173	111060	17.364	ug/l #	99
73) Isopropylbenzene	12.574	105	670273	16.151	ug/l	99
74) N-amyl acetate	12.380	43	272228	17.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	232997	17.213	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	236747m	21.056	ug/l	
77) Bromobenzene	12.857	156	155517	16.071	ug/l	81
78) n-propylbenzene	12.916	91	732512	16.449	ug/l	97
79) 2-Chlorotoluene	13.004	91	457070	15.989	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	547953	16.971	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	67578	16.969	ug/l	98
82) 4-Chlorotoluene	13.098	91	432993	17.005	ug/l	94
83) tert-Butylbenzene	13.316	119	485576	16.852	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	527958	17.072	ug/l	100
85) sec-Butylbenzene	13.498	105	647795	16.915	ug/l	100
86) p-Isopropyltoluene	13.610	119	524169	17.403	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	258959	16.469	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	251749	16.379	ug/l	97
89) n-Butylbenzene	13.939	91	392677	16.669	ug/l	96
90) Hexachloroethane	14.204	117	96584	16.125	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	257265	17.018	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	41364	17.131	ug/l	89
93) 1,2,4-Trichlorobenzene	15.262	180	106349	17.162	ug/l	99
94) Hexachlorobutadiene	15.362	225	69428	16.360	ug/l	98
95) Naphthalene	15.498	128	289946	18.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	107230	17.730	ug/l	99

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

