

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
 Data File : VN071933.D
 Acq On : 11 Apr 2022 14:04
 Operator : JC\MD
 Sample : VN0411WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 08:39:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	537446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	850970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	762940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	289367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	319501	52.074	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.140%			
35) Dibromofluoromethane	8.016	113	269841	53.888	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.780%			
50) Toluene-d8	10.439	98	1053570	51.433	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.860%			
62) 4-Bromofluorobenzene	12.727	95	336907	50.854	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	61088	14.297	ug/l	98
3) Chloromethane	2.298	50	77181	14.255	ug/l	93
4) Vinyl Chloride	2.446	62	80302	13.506	ug/l	99
5) Bromomethane	2.840	94	60742	15.715	ug/l	97
6) Chloroethane	3.010	64	57229	13.379	ug/l	98
7) Trichlorofluoromethane	3.369	101	118696	15.691	ug/l	99
8) Diethyl Ether	3.828	74	62129	19.434	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.216	101	77750	16.678	ug/l	98
10) Methyl Iodide	4.428	142	98093	15.053	ug/l	100
11) Tert butyl alcohol	5.363	59	99288	99.717	ug/l	100
12) 1,1-Dichloroethene	4.181	96	71193	16.049	ug/l	91
13) Acrolein	4.040	56	94646	77.958	ug/l	97
14) Allyl chloride	4.840	41	123117	17.099	ug/l	93
15) Acrylonitrile	5.551	53	304495	105.210	ug/l	98
16) Acetone	4.281	43	224947	85.788	ug/l	90
17) Carbon Disulfide	4.534	76	123553	12.139	ug/l	100
18) Methyl Acetate	4.857	43	132220	19.437	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	319847	19.408	ug/l	100
20) Methylene Chloride	5.092	84	99952	18.085	ug/l	98
21) trans-1,2-Dichloroethene	5.592	96	78107	16.039	ug/l	94
22) Diisopropyl ether	6.492	45	305876	19.514	ug/l	93
23) Vinyl Acetate	6.428	43	1235293	99.102	ug/l	98
24) 1,1-Dichloroethane	6.386	63	166428	18.086	ug/l	98
25) 2-Butanone	7.333	43	374745	99.136	ug/l	99
26) 2,2-Dichloropropane	7.322	77	128958	16.314	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	108499	18.169	ug/l	97
28) Bromochloromethane	7.651	49	74705	20.125	ug/l	99
29) Tetrahydrofuran	7.681	42	249643	101.992	ug/l	98
30) Chloroform	7.816	83	181737	18.704	ug/l	100
31) Cyclohexane	8.092	56	128299	15.376	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	139859	16.826	ug/l	99
36) 1,1-Dichloropropene	8.216	75	112425	16.077	ug/l	99
37) Ethyl Acetate	7.410	43	150869	19.712	ug/l	98
38) Carbon Tetrachloride	8.204	117	113784	16.603	ug/l	96
39) Methylcyclohexane	9.457	83	128887	15.484	ug/l	97
40) Benzene	8.457	78	393997	17.836	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	77947	20.799	ug/l	95
42) 1,2-Dichloroethane	8.527	62	136399	17.850	ug/l	98
43) Isopropyl Acetate	8.557	43	233789	18.364	ug/l	100
44) Trichloroethene	9.210	130	97610	17.152	ug/l	98
45) 1,2-Dichloropropane	9.486	63	104776	18.987	ug/l	97
46) Dibromomethane	9.574	93	70677	18.863	ug/l	98
47) Bromodichloromethane	9.757	83	138521	18.781	ug/l	99
48) Methyl methacrylate	9.557	41	102383	19.385	ug/l	93
49) 1,4-Dioxane	9.563	88	50177	392.051	ug/l	100
51) 4-Methyl-2-Pentanone	10.327	43	750345	102.515	ug/l	96
52) Toluene	10.504	92	251732	18.028	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	139856	18.093	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	156902	18.371	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	113319	19.719	ug/l	96
56) Ethyl methacrylate	10.757	69	165673	20.208	ug/l	93
57) 1,3-Dichloropropane	11.039	76	188510	19.619	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.033	63	196184	89.421	ug/l	99
59) 2-Hexanone	11.080	43	531036	103.049	ug/l	97
60) Dibromochloromethane	11.233	129	112241	20.030	ug/l	98
61) 1,2-Dibromoethane	11.339	107	111135	19.646	ug/l	99
64) Tetrachloroethene	10.974	164	85829	17.036	ug/l	98
65) Chlorobenzene	11.763	112	275132	18.010	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	105056	19.058	ug/l	98
67) Ethyl Benzene	11.839	91	462158	17.870	ug/l	99
68) m/p-Xylenes	11.951	106	356575	35.885	ug/l	99
69) o-Xylene	12.274	106	183621	18.618	ug/l	98
70) Styrene	12.292	104	285829	19.127	ug/l	99
71) Bromoform	12.451	173	82587	19.673	ug/l #	99
73) Isopropylbenzene	12.574	105	461269	18.917	ug/l	99
74) N-amyl acetate	12.380	43	137980	19.749	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	172177	21.163	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	125112m	18.664	ug/l	
77) Bromobenzene	12.857	156	113410	18.553	ug/l	99
78) n-propylbenzene	12.915	91	471577	18.385	ug/l	100
79) 2-Chlorotoluene	13.004	91	308900	18.778	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	366193	18.954	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.615	75	40493	18.720	ug/l	98
82) 4-Chlorotoluene	13.098	91	278960	18.295	ug/l	99
83) tert-Butylbenzene	13.315	119	338924	19.191	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	356467	18.910	ug/l	99
85) sec-Butylbenzene	13.498	105	444090	19.398	ug/l	100
86) p-Isopropyltoluene	13.610	119	347892	19.058	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	177912	18.269	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	169152	17.804	ug/l	97
89) n-Butylbenzene	13.939	91	236696	17.483	ug/l	98
90) Hexachloroethane	14.204	117	58953	17.643	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	181194	18.952	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	26096	20.679	ug/l	95
93) 1,2,4-Trichlorobenzene	15.256	180	77089	18.127	ug/l	98
94) Hexachlorobutadiene	15.362	225	51004	18.088	ug/l	97
95) Naphthalene	15.498	128	236389	20.378	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	81050	19.705	ug/l	99

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

