

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041222\
 Data File : VN071958.D
 Acq On : 12 Apr 2022 17:01
 Operator : JC\MD
 Sample : VN0412WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/13/2022
 Supervised By : Mahesh Dadoda 04/13/2022

Quant Time: Apr 13 04:45:37 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	8.086	168	558855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	861494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	773225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	302891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	287560	45.072	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.140%		
35) Dibromofluoromethane	8.016	113	252334	49.776	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.560%		
50) Toluene-d8	10.439	98	997824	48.116	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.240%		
62) 4-Bromofluorobenzene	12.727	95	315591	47.055	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	116472	26.215	ug/l	99
3) Chloromethane	2.298	50	125835	22.351	ug/l	94
4) Vinyl Chloride	2.446	62	130041	21.033	ug/l	99
5) Bromomethane	2.851	94	86991	21.644	ug/l	99
6) Chloroethane	3.016	64	78870	17.732	ug/l	100
7) Trichlorofluoromethane	3.375	101	171546	21.808	ug/l	99
8) Diethyl Ether	3.828	74	70477	21.200	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.222	101	102778	21.203	ug/l	98
10) Methyl Iodide	4.422	142	142226	20.990	ug/l	99
11) Tert butyl alcohol	5.357	59	102700	99.192	ug/l	99
12) 1,1-Dichloroethene	4.181	96	100006	21.680	ug/l	95
13) Acrolein	4.045	56	80316	63.620	ug/l	100
14) Allyl chloride	4.845	41	151537	20.240	ug/l	94
15) Acrylonitrile	5.551	53	320849	106.613	ug/l	99
16) Acetone	4.281	43	242162	88.815	ug/l	99
17) Carbon Disulfide	4.534	76	249561	23.580	ug/l	100
18) Methyl Acetate	4.851	43	142276	20.169	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	351333	20.502	ug/l	96
20) Methylene Chloride	5.098	84	120029	20.886	ug/l	96
21) trans-1,2-Dichloroethene	5.598	96	107940	21.316	ug/l	96
22) Diisopropyl ether	6.486	45	330810	20.296	ug/l	98
23) Vinyl Acetate	6.428	43	1386287	106.955	ug/l	99
24) 1,1-Dichloroethane	6.386	63	200229	20.926	ug/l	97
25) 2-Butanone	7.333	43	391179	99.519	ug/l	96
26) 2,2-Dichloropropane	7.322	77	164666	20.033	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	130603	21.032	ug/l	96
28) Bromochloromethane	7.651	49	73117	18.943	ug/l	92
29) Tetrahydrofuran	7.680	42	269438	105.862	ug/l	97
30) Chloroform	7.816	83	205445	20.334	ug/l	98
31) Cyclohexane	8.092	56	185794	21.414	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	179753	20.797	ug/l	97
36) 1,1-Dichloropropene	8.222	75	151748	21.436	ug/l	99
37) Ethyl Acetate	7.410	43	164046	21.171	ug/l	96
38) Carbon Tetrachloride	8.204	117	150029	21.624	ug/l	99
39) Methylcyclohexane	9.457	83	190074	22.556	ug/l	99
40) Benzene	8.457	78	484367	21.659	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	79892	21.058	ug/l	97
42) 1,2-Dichloroethane	8.522	62	153895	19.894	ug/l	97
43) Isopropyl Acetate	8.557	43	241711	18.755	ug/l	96
44) Trichloroethene	9.210	130	124029	21.528	ug/l	100
45) 1,2-Dichloropropane	9.486	63	119921	21.466	ug/l	100
46) Dibromomethane	9.574	93	80543	21.234	ug/l	97
47) Bromodichloromethane	9.757	83	158957	21.289	ug/l	99
48) Methyl methacrylate	9.557	41	110818	20.725	ug/l	92
49) 1,4-Dioxane	9.569	88	53296	412.022	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	779405	105.184	ug/l	96
52) Toluene	10.504	92	310966	21.998	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	165790	21.186	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	189054	21.865	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	123691	21.260	ug/l	98
56) Ethyl methacrylate	10.757	69	183171	22.070	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	208101	21.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	177261	81.632	ug/l	99
59) 2-Hexanone	11.080	43	549244	105.281	ug/l	94
60) Dibromochloromethane	11.233	129	124993	22.034	ug/l	100
61) 1,2-Dibromoethane	11.339	107	124121	21.673	ug/l	99
64) Tetrachloroethene	10.969	164	109122	21.372	ug/l	94
65) Chlorobenzene	11.763	112	327643	21.162	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	118510	21.212	ug/l	99
67) Ethyl Benzene	11.839	91	559425	21.344	ug/l	97
68) m/p-Xylenes	11.951	106	436962	43.390	ug/l	99
69) o-Xylene	12.274	106	214424	21.452	ug/l	99
70) Styrene	12.292	104	331819	21.910	ug/l	99
71) Bromoform	12.457	173	94337	22.173	ug/l #	99
73) Isopropylbenzene	12.574	105	545255	21.363	ug/l	99
74) N-amyl acetate	12.386	43	150463	20.575	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	178079	20.911	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	134818m	19.214	ug/l	
77) Bromobenzene	12.857	156	131811	20.601	ug/l	95
78) n-propylbenzene	12.915	91	570415	21.246	ug/l	99
79) 2-Chlorotoluene	13.004	91	365833	21.247	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	442866	21.899	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	47328	20.903	ug/l	96
82) 4-Chlorotoluene	13.098	91	332340	20.823	ug/l	99
83) tert-Butylbenzene	13.321	119	395445	21.392	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	434490	22.020	ug/l	100
85) sec-Butylbenzene	13.498	105	516238	21.543	ug/l	100
86) p-Isopropyltoluene	13.610	119	416555	21.801	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	210322	20.633	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	203557	20.469	ug/l	97
89) n-Butylbenzene	13.939	91	293436	20.706	ug/l	100
90) Hexachloroethane	14.204	117	74486	21.296	ug/l	95
91) 1,2-Dichlorobenzene	13.980	146	210562	21.041	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	29005	21.958	ug/l	99
93) 1,2,4-Trichlorobenzene	15.256	180	94060	20.784	ug/l	98
94) Hexachlorobutadiene	15.362	225	60434	20.476	ug/l	98
95) Naphthalene	15.504	128	252077	20.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	95675	21.914	ug/l	99

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

