

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070344.D
 Acq On : 29 Dec 2021 13:11
 Operator : JC/MD
 Sample : VN1229WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/30/2021
 Supervised By : Mahesh Dadoda 12/30/2021

Quant Time: Dec 30 01:49:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1027200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1635548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1512496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	624174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	711346	48.164	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.320%		
35) Dibromofluoromethane	8.021	113	514158	51.957	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.920%		
50) Toluene-d8	10.440	98	2028774	50.185	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.380%		
62) 4-Bromofluorobenzene	12.731	95	718954	49.240	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	218393	18.748	ug/l	98
3) Chloromethane	2.303	50	281360	17.756	ug/l	98
4) Vinyl Chloride	2.448	62	255673	17.721	ug/l	97
5) Bromomethane	2.856	94	142847	19.183	ug/l	100
6) Chloroethane	3.019	64	149790	17.240	ug/l	96
7) Trichlorofluoromethane	3.376	101	305595	17.598	ug/l	99
8) Diethyl Ether	3.824	74	134005	17.505	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.207	101	200406	18.869	ug/l	96
10) Methyl Iodide	4.417	142	258974	18.017	ug/l	99
11) Tert butyl alcohol	5.385	59	235942	95.945	ug/l	96
12) 1,1-Dichloroethene	4.178	96	187700	17.942	ug/l	92
13) Acrolein	4.039	56	187601	94.021	ug/l	100
14) Allyl chloride	4.835	41	435767	18.372	ug/l	88
15) Acrylonitrile	5.557	53	737866	96.153	ug/l	100
16) Acetone	4.288	43	882664	92.064	ug/l	100
17) Carbon Disulfide	4.527	76	558626	19.562	ug/l	99
18) Methyl Acetate	4.859	43	518160	18.684	ug/l	92
19) Methyl tert-butyl Ether	5.624	73	695980	17.914	ug/l	96
20) Methylene Chloride	5.093	84	240664	18.143	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	201673	18.207	ug/l	90
22) Diisopropyl ether	6.498	45	865850	18.742	ug/l #	92
23) Vinyl Acetate	6.434	43	3388339	94.530	ug/l	95
24) 1,1-Dichloroethane	6.385	63	437378	18.259	ug/l	98
25) 2-Butanone	7.337	43	1144826	94.835	ug/l	91
26) 2,2-Dichloropropane	7.324	77	343165	18.159	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	240713	18.213	ug/l	86
28) Bromochloromethane	7.659	49	193651	16.530	ug/l #	77
29) Tetrahydrofuran	7.689	42	709441	98.500	ug/l	87
30) Chloroform	7.820	83	427964	18.519	ug/l	98
31) Cyclohexane	8.096	56	432530	18.559	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	359749	18.463	ug/l	96
36) 1,1-Dichloropropene	8.222	75	312030	19.061	ug/l	97
37) Ethyl Acetate	7.415	43	419872	19.787	ug/l	95
38) Carbon Tetrachloride	8.204	117	309306	19.787	ug/l	97
39) Methylcyclohexane	9.459	83	374805	18.911	ug/l	88
40) Benzene	8.458	78	965934	19.246	ug/l	99

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41) Methacrylonitrile	7.638	41	213531	20.119	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	353461	18.737	ug/l	98
43) Isopropyl Acetate	8.560	43	639029	19.101	ug/l #	95
44) Trichloroethene	9.217	130	223480	18.740	ug/l	92
45) 1,2-Dichloropropane	9.488	63	264569	19.579	ug/l	99
46) Dibromomethane	9.577	93	162692	19.362	ug/l	94
47) Bromodichloromethane	9.762	83	343024	20.560	ug/l	100
48) Methyl methacrylate	9.561	41	301471	18.892	ug/l #	82
49) 1,4-Dioxane	9.569	88	101389	434.041	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	2133568	101.493	ug/l	96
52) Toluene	10.505	92	587887	19.352	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	351187	19.443	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	387590	19.837	ug/l	94
55) 1,1,2-Trichloroethane	10.896	97	232114	19.311	ug/l	94
56) Ethyl methacrylate	10.762	69	370709	18.666	ug/l #	90
57) 1,3-Dichloropropane	11.044	76	407327	19.160	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	409653	93.286	ug/l	90
59) 2-Hexanone	11.087	43	1575673	102.783	ug/l	94
60) Dibromochloromethane	11.237	129	243729	20.783	ug/l	99
61) 1,2-Dibromoethane	11.347	107	235913	19.330	ug/l	98
64) Tetrachloroethene	10.977	164	205215	18.737	ug/l	95
65) Chlorobenzene	11.771	112	604765	18.845	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	223892	19.542	ug/l	99
67) Ethyl Benzene	11.846	91	1121036	19.065	ug/l	96
68) m/p-Xylenes	11.953	106	831915	38.868	ug/l	93
69) o-Xylene	12.280	106	401334	18.852	ug/l	92
70) Styrene	12.294	104	658939	19.556	ug/l	96
71) Bromoform	12.457	173	189663	22.306	ug/l #	100
73) Isopropylbenzene	12.578	105	1056884	18.234	ug/l	98
74) N-amyl acetate	12.388	43	441517	18.116	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	370537	18.524	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	314761m	18.836	ug/l	
77) Bromobenzene	12.860	156	245874	18.476	ug/l	78
78) n-propylbenzene	12.921	91	1198839	18.667	ug/l	96
79) 2-Chlorotoluene	13.007	91	745910	18.101	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	860706	18.530	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	106462	20.839	ug/l	98
82) 4-Chlorotoluene	13.106	91	717306	18.583	ug/l	92
83) tert-Butylbenzene	13.324	119	728894	17.821	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	841888	18.823	ug/l	97
85) sec-Butylbenzene	13.501	105	1037451	18.683	ug/l	97
86) p-Isopropyltoluene	13.616	119	819021	18.776	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	416780	18.709	ug/l	98
88) 1,4-Dichlorobenzene	13.694	146	401552	18.273	ug/l	97
89) n-Butylbenzene	13.943	91	644237	17.707	ug/l	97
90) Hexachloroethane	14.209	117	166032	21.910	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	400759	18.351	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	67240	20.025	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	187835	18.254	ug/l	99
94) Hexachlorobutadiene	15.370	225	120163	20.093	ug/l	98
95) Naphthalene	15.507	128	465217	17.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	180491	18.861	ug/l	99

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

