

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069571.D
 Acq On : 19 Nov 2021 00:15
 Operator : JC/MD
 Sample : VN1118WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS02

Quant Time: Nov 19 03:22:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	971831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1654793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1516459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	601883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	779332	55.307	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.620%			
35) Dibromofluoromethane	8.024	113	541326	54.543	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.080%			
50) Toluene-d8	10.443	98	2085445	53.427	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.860%			
62) 4-Bromofluorobenzene	12.731	95	713803	49.778	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	181412	17.473	ug/l	99
3) Chloromethane	2.303	50	214635	17.825	ug/l	99
4) Vinyl Chloride	2.445	62	207973	17.250	ug/l	99
5) Bromomethane	2.850	94	141302	18.046	ug/l	95
6) Chloroethane	3.017	64	143036	17.577	ug/l	99
7) Trichlorofluoromethane	3.371	101	320102	17.179	ug/l	98
8) Diethyl Ether	3.824	74	118712	19.691	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.205	101	170431	19.417	ug/l	94
10) Methyl Iodide	4.417	142	191367	17.776	ug/l	97
11) Tert butyl alcohol	5.388	59	262444	103.359	ug/l	99
12) 1,1-Dichloroethene	4.178	96	148800	18.891	ug/l	92
13) Acrolein	4.044	56	52930	144.413	ug/l	100
14) Allyl chloride	4.835	41	321543	18.464	ug/l #	93
15) Acrylonitrile	5.559	53	719383	110.635	ug/l	98
16) Acetone	4.291	43	688907	90.613	ug/l	94
17) Carbon Disulfide	4.524	76	266178	14.296	ug/l	100
18) Methyl Acetate	4.862	43	518326	20.973	ug/l	93
19) Methyl tert-butyl Ether	5.621	73	683275	20.497	ug/l	95
20) Methylene Chloride	5.095	84	210761	19.550	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	161716	18.382	ug/l	91
22) Diisopropyl ether	6.501	45	766625	20.436	ug/l	95
23) Vinyl Acetate	6.436	43	2926698	100.872	ug/l	95
24) 1,1-Dichloroethane	6.388	63	379971	19.886	ug/l	99
25) 2-Butanone	7.343	43	1075275	104.449	ug/l	93
26) 2,2-Dichloropropane	7.327	77	230694	15.432	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	216811	19.880	ug/l	90
28) Bromochloromethane	7.659	49	209445	21.405	ug/l #	80
29) Tetrahydrofuran	7.691	42	706091	111.766	ug/l	91
30) Chloroform	7.820	83	395966	20.214	ug/l	97
31) Cyclohexane	8.094	56	344608	17.901	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	321118	19.640	ug/l	95
36) 1,1-Dichloropropene	8.222	75	256871	18.448	ug/l	97
37) Ethyl Acetate	7.415	43	420291	22.329	ug/l	94
38) Carbon Tetrachloride	8.206	117	258210	19.208	ug/l	97
39) Methylcyclohexane	9.461	83	291381	16.822	ug/l	91
40) Benzene	8.461	78	845885	19.682	ug/l	99

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41) Methacrylonitrile	7.638	41	209307	21.521	ug/l	90
42) 1,2-Dichloroethane	8.531	62	347116	20.626	ug/l	98
43) Isopropyl Acetate	8.563	43	636359	21.049	ug/l	94
44) Trichloroethene	9.220	130	198165	19.265	ug/l	89
45) 1,2-Dichloropropane	9.491	63	234754	20.444	ug/l	99
46) Dibromomethane	9.579	93	151650	19.717	ug/l	93
47) Bromodichloromethane	9.764	83	285144	19.868	ug/l	100
48) Methyl methacrylate	9.561	41	288536	20.285	ug/l	92
49) 1,4-Dioxane	9.571	88	103661	392.439	ug/l #	83
51) 4-Methyl-2-Pentanone	10.333	43	2211693	113.337	ug/l	95
52) Toluene	10.507	92	530723	19.822	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	265247	16.876	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	304700	17.551	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	224811	20.829	ug/l	96
56) Ethyl methacrylate	10.762	69	361760	19.108	ug/l #	86
57) 1,3-Dichloropropane	11.046	76	383591	20.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	391223	90.760	ug/l	93
59) 2-Hexanone	11.087	43	1581967	100.904	ug/l	92
60) Dibromochloromethane	11.240	129	197737	18.302	ug/l	100
61) 1,2-Dibromoethane	11.347	107	223803	19.250	ug/l	98
64) Tetrachloroethene	10.979	164	187100	20.433	ug/l	95
65) Chlorobenzene	11.771	112	560240	19.848	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	206486	21.090	ug/l	98
67) Ethyl Benzene	11.846	91	1022231	19.636	ug/l	97
68) m/p-Xylenes	11.956	106	744330	38.875	ug/l	94
69) o-Xylene	12.283	106	375730	19.684	ug/l	93
70) Styrene	12.296	104	597766	18.432	ug/l	96
71) Bromoform	12.460	173	134218	18.134	ug/l #	98
73) Isopropylbenzene	12.581	105	986784	20.591	ug/l	98
74) N-amyl acetate	12.390	43	408035	20.091	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	364317	22.540	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	302788m	21.799	ug/l	
77) Bromobenzene	12.862	156	229861	20.973	ug/l	81
78) n-propylbenzene	12.921	91	1078986	20.010	ug/l	96
79) 2-Chlorotoluene	13.010	91	683240	20.464	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	789901	20.389	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	64726	18.053	ug/l #	79
82) 4-Chlorotoluene	13.106	91	628799	19.756	ug/l	94
83) tert-Butylbenzene	13.326	119	703188	20.713	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	764240	20.434	ug/l	99
85) sec-Butylbenzene	13.503	105	954297	20.122	ug/l	97
86) p-Isopropyltoluene	13.618	119	726935	19.309	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	372084	19.582	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	361111	19.372	ug/l	96
89) n-Butylbenzene	13.943	91	544933	17.357	ug/l	98
90) Hexachloroethane	14.214	117	119212	18.644	ug/l	86
91) 1,2-Dichlorobenzene	13.991	146	376368	20.816	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	59891	21.011	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	152551	18.213	ug/l	97
94) Hexachlorobutadiene	15.372	225	92050	19.593	ug/l	99
95) Naphthalene	15.509	128	432558	19.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	154765	19.170	ug/l	99

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

