

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069959.D
 Acq On : 10 Dec 2021 15:25
 Operator : JC/MD
 Sample : VN1210WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

Quant Time: Dec 11 05:19:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/11/2021
 Supervised By : Amit Patel 12/14/2021

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	970591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1564997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1432137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	612122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	748186	49.926	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.860%		
35) Dibromofluoromethane	8.021	113	518962	52.940	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.880%		
50) Toluene-d8	10.440	98	1997983	50.760	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.520%		
62) 4-Bromofluorobenzene	12.731	95	700677	49.136	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	212791	18.797	ug/l	100
3) Chloromethane	2.303	50	256907	18.114	ug/l	100
4) Vinyl Chloride	2.448	62	240097	18.411	ug/l	99
5) Bromomethane	2.856	94	133799	18.885	ug/l	98
6) Chloroethane	3.019	64	142914	17.884	ug/l	96
7) Trichlorofluoromethane	3.376	101	323388	18.895	ug/l	95
8) Diethyl Ether	3.824	74	125822	19.087	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.205	101	193037	20.120	ug/l	95
10) Methyl Iodide	4.419	142	227953	17.392	ug/l	97
11) Tert butyl alcohol	5.379	59	228840	80.785	ug/l	97
12) 1,1-Dichloroethene	4.181	96	176812	19.125	ug/l	91
13) Acrolein	4.041	56	208581	86.466	ug/l	96
14) Allyl chloride	4.840	41	411893	19.771	ug/l #	93
15) Acrylonitrile	5.556	53	680237	89.116	ug/l	98
16) Acetone	4.288	43	836294	92.770	ug/l	98
17) Carbon Disulfide	4.529	76	489069	20.476	ug/l	98
18) Methyl Acetate	4.856	43	495837	18.222	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	684721	19.048	ug/l	94
20) Methylene Chloride	5.095	84	221171	18.455	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	188349	18.756	ug/l #	83
22) Diisopropyl ether	6.495	45	819194	20.118	ug/l #	96
23) Vinyl Acetate	6.433	43	3318085	100.161	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	424467	20.124	ug/l	96
25) 2-Butanone	7.337	43	1069912	87.351	ug/l	92
26) 2,2-Dichloropropane	7.326	77	338669	20.650	ug/l	95
27) cis-1,2-Dichloroethene	7.326	96	230798	19.023	ug/l	85
28) Bromochloromethane	7.659	49	189657	17.291	ug/l #	75
29) Tetrahydrofuran	7.686	42	656073	88.211	ug/l	87
30) Chloroform	7.817	83	423236	19.868	ug/l	99
31) Cyclohexane	8.094	56	396750	19.024	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	361951	19.947	ug/l	95
36) 1,1-Dichloropropene	8.222	75	300483	20.169	ug/l	95
37) Ethyl Acetate	7.415	43	401730	18.117	ug/l #	94
38) Carbon Tetrachloride	8.206	117	313722	21.474	ug/l	100
39) Methylcyclohexane	9.459	83	350271	19.766	ug/l	88
40) Benzene	8.461	78	894463	19.642	ug/l	99

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41) Methacrylonitrile	7.640	41	209612	20.137	ug/l #	61
42) 1,2-Dichloroethane	8.531	62	362202	19.703	ug/l	96
43) Isopropyl Acetate	8.560	43	642890	19.592	ug/l #	93
44) Trichloroethene	9.217	130	210604	19.377	ug/l	87
45) 1,2-Dichloropropane	9.491	63	248559	20.326	ug/l	100
46) Dibromomethane	9.577	93	161770	20.171	ug/l	92
47) Bromodichloromethane	9.762	83	344488	22.687	ug/l	97
48) Methyl methacrylate	9.561	41	313556	20.476	ug/l #	80
49) 1,4-Dioxane	9.571	88	93997	342.090	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	2036700	95.676	ug/l	94
52) Toluene	10.505	92	542189	19.502	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	342610	20.503	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	370328	20.544	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	222290	19.816	ug/l	95
56) Ethyl methacrylate	10.762	69	363183	18.656	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	390724	19.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	428778	87.888	ug/l	91
59) 2-Hexanone	11.087	43	1483016	92.094	ug/l	92
60) Dibromochloromethane	11.237	129	241931	21.549	ug/l	98
61) 1,2-Dibromoethane	11.347	107	224379	19.312	ug/l	99
64) Tetrachloroethene	10.977	164	179911	18.527	ug/l	93
65) Chlorobenzene	11.771	112	573988	19.756	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	222758	21.783	ug/l	99
67) Ethyl Benzene	11.846	91	1065292	20.185	ug/l	95
68) m/p-Xylenes	11.953	106	785155	40.859	ug/l	93
69) o-Xylene	12.280	106	378985	19.580	ug/l	90
70) Styrene	12.294	104	619574	20.187	ug/l	96
71) Bromoform	12.457	173	179099	22.090	ug/l #	98
73) Isopropylbenzene	12.578	105	1013529	18.610	ug/l	98
74) N-amyl acetate	12.387	43	446786	18.550	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	348661	18.513	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	284752m	16.221	ug/l	
77) Bromobenzene	12.859	156	235106	18.379	ug/l	77
78) n-propylbenzene	12.921	91	1172795	19.352	ug/l	96
79) 2-Chlorotoluene	13.010	91	707317	18.471	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	832260	18.986	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	96369	20.569	ug/l	95
82) 4-Chlorotoluene	13.106	91	691009	19.188	ug/l	92
83) tert-Butylbenzene	13.323	119	717008	18.473	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	800953	19.186	ug/l	98
85) sec-Butylbenzene	13.503	105	1003776	19.065	ug/l	97
86) p-Isopropyltoluene	13.616	119	797298	19.374	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	411783	19.594	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	399145	19.327	ug/l	96
89) n-Butylbenzene	13.943	91	652559	19.548	ug/l	98
90) Hexachloroethane	14.211	117	162175	22.445	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	395946	19.336	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	65537	19.258	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	179112	19.686	ug/l	100
94) Hexachlorobutadiene	15.370	225	117705	21.690	ug/l	99
95) Naphthalene	15.507	128	443764	17.637	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	172873	19.237	ug/l	98

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

