

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113021\
 Data File : VN069684.D
 Acq On : 30 Nov 2021 15:58
 Operator : JC/MD
 Sample : VN1130WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Dec 01 01:49:50 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1063815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1689570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1543199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	623193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	780555	50.604	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.200%			
35) Dibromofluoromethane	8.019	113	544124	53.696	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.400%			
50) Toluene-d8	10.440	98	2004969	50.308	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.620%			
62) 4-Bromofluorobenzene	12.731	95	724078	49.456	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	176883	15.563	ug/l	98
3) Chloromethane	2.306	50	201003	15.250	ug/l	100
4) Vinyl Chloride	2.451	62	200315	15.178	ug/l	99
5) Bromomethane	2.866	94	126028	14.704	ug/l	99
6) Chloroethane	3.030	64	134825	15.135	ug/l	96
7) Trichlorofluoromethane	3.384	101	302996	14.855	ug/l	98
8) Diethyl Ether	3.824	74	124559	18.875	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	182904	19.036	ug/l	97
10) Methyl Iodide	4.422	142	218150	18.511	ug/l	97
11) Tert butyl alcohol	5.371	59	217643	78.304	ug/l #	83
12) 1,1-Dichloroethene	4.183	96	151880	17.615	ug/l	88
13) Acrolein	4.039	56	30951	73.981	ug/l	97
14) Allyl chloride	4.843	41	351949	18.463	ug/l	94
15) Acrylonitrile	5.554	53	679593	95.478	ug/l	100
16) Acetone	4.288	43	804914	96.718	ug/l	96
17) Carbon Disulfide	4.532	76	262255	12.868	ug/l	99
18) Methyl Acetate	4.857	43	494657	18.285	ug/l	93
19) Methyl tert-butyl Ether	5.613	73	732148	20.064	ug/l	97
20) Methylene Chloride	5.098	84	210284	17.819	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	167544	17.397	ug/l	89
22) Diisopropyl ether	6.495	45	839610	20.447	ug/l	97
23) Vinyl Acetate	6.434	43	3137718	98.794	ug/l	95
24) 1,1-Dichloroethane	6.388	63	408272	19.520	ug/l	98
25) 2-Butanone	7.335	43	1031897	91.569	ug/l	92
26) 2,2-Dichloropropane	7.324	77	312521	19.098	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	225966	18.928	ug/l	86
28) Bromochloromethane	7.657	49	239505	22.361	ug/l #	80
29) Tetrahydrofuran	7.686	42	636488	92.037	ug/l	88
30) Chloroform	7.817	83	427063	19.917	ug/l	99
31) Cyclohexane	8.091	56	347870	16.508	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	341694	19.091	ug/l	96
36) 1,1-Dichloropropene	8.220	75	275619	19.387	ug/l	97
37) Ethyl Acetate	7.412	43	388827	20.233	ug/l	95
38) Carbon Tetrachloride	8.204	117	269595	19.642	ug/l	100
39) Methylcyclohexane	9.459	83	311391	17.607	ug/l	90
40) Benzene	8.458	78	867299	19.764	ug/l	100

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41) Methacrylonitrile	7.635	41	197596	19.899	ug/l	90
42) 1,2-Dichloroethane	8.528	62	371515	21.622	ug/l	97
43) Isopropyl Acetate	8.560	43	628193	20.351	ug/l #	95
44) Trichloroethene	9.215	130	208596	19.862	ug/l	92
45) 1,2-Dichloropropane	9.491	63	250431	21.360	ug/l	100
46) Dibromomethane	9.577	93	158274	20.155	ug/l	93
47) Bromodichloromethane	9.759	83	313062	21.364	ug/l	98
48) Methyl methacrylate	9.558	41	309044	21.280	ug/l #	83
49) 1,4-Dioxane	9.569	88	90657	341.747	ug/l	91
51) 4-Methyl-2-Pentanone	10.328	43	2032984	102.034	ug/l	95
52) Toluene	10.505	92	541935	19.824	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	312192	19.051	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	345528	19.301	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	235504	21.371	ug/l	97
56) Ethyl methacrylate	10.760	69	373515	19.300	ug/l	86
57) 1,3-Dichloropropane	11.044	76	410235	21.185	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	399970	90.850	ug/l	92
59) 2-Hexanone	11.084	43	1422833	89.831	ug/l	94
60) Dibromochloromethane	11.237	129	215422	19.367	ug/l	100
61) 1,2-Dibromoethane	11.344	107	229272	19.311	ug/l	98
64) Tetrachloroethene	10.977	164	193536	20.770	ug/l	96
65) Chlorobenzene	11.768	112	586396	20.415	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	216831	21.763	ug/l	100
67) Ethyl Benzene	11.843	91	1063400	20.073	ug/l	96
68) m/p-Xylenes	11.953	106	774335	39.742	ug/l	95
69) o-Xylene	12.280	106	388185	19.984	ug/l	92
70) Styrene	12.294	104	621388	18.796	ug/l	96
71) Bromoform	12.457	173	143673	18.897	ug/l #	99
73) Isopropylbenzene	12.578	105	1032663	20.812	ug/l	99
74) N-amyl acetate	12.387	43	399339	18.991	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	356512	21.303	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	311188m	21.638	ug/l	
77) Bromobenzene	12.860	156	241159	21.251	ug/l	82
78) n-propylbenzene	12.919	91	1144799	20.504	ug/l	97
79) 2-Chlorotoluene	13.007	91	716136	20.716	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	841991	20.990	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	71952	18.956	ug/l #	82
82) 4-Chlorotoluene	13.104	91	678114	20.577	ug/l	93
83) tert-Butylbenzene	13.321	119	746729	21.243	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	805486	20.800	ug/l	97
85) sec-Butylbenzene	13.501	105	1009870	20.566	ug/l	98
86) p-Isopropyltoluene	13.616	119	797395	20.456	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	402994	20.483	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	386884	20.045	ug/l	97
89) n-Butylbenzene	13.943	91	609988	18.765	ug/l	98
90) Hexachloroethane	14.209	117	127172	19.144	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	396280	21.167	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.600	75	54623	18.722	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	162823	18.679	ug/l	98
94) Hexachlorobutadiene	15.370	225	112554	23.138	ug/l	99
95) Naphthalene	15.507	128	395812	17.485	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	161030	19.248	ug/l	98

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

