

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120121\
 Data File : VN069690.D
 Acq On : 1 Dec 2021 14:33
 Operator : JC/MD
 Sample : VN1201WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2021
 Supervised By : Mahesh Dadoda 12/03/2021

Quant Time: Dec 02 07:25:32 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	1025226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1656163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1507420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	620672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	743121	49.991	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.980%		
35) Dibromofluoromethane	8.021	113	515403	51.888	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.780%		
50) Toluene-d8	10.440	98	1875622	48.011	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.020%		
62) 4-Bromofluorobenzene	12.731	95	688373	47.965	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	166589	15.209	ug/l	98
3) Chloromethane	2.306	50	190015	14.959	ug/l	98
4) Vinyl Chloride	2.451	62	193779	15.236	ug/l	99
5) Bromomethane	2.864	94	124338	15.053	ug/l	98
6) Chloroethane	3.025	64	127996	14.909	ug/l	94
7) Trichlorofluoromethane	3.379	101	291694	14.839	ug/l	100
8) Diethyl Ether	3.824	74	122732	19.298	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.213	101	175553	18.959	ug/l	96
10) Methyl Iodide	4.419	142	200909	17.690	ug/l	96
11) Tert butyl alcohol	5.374	59	243066	90.742	ug/l	98
12) 1,1-Dichloroethene	4.186	96	146769	17.663	ug/l	89
13) Acrolein	4.049	56	26065	63.791	ug/l	89
14) Allyl chloride	4.843	41	348651	18.978	ug/l	93
15) Acrylonitrile	5.556	53	684940	99.852	ug/l	99
16) Acetone	4.288	43	781807	97.477	ug/l	95
17) Carbon Disulfide	4.529	76	252351	12.848	ug/l	96
18) Methyl Acetate	4.859	43	498279	19.112	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	715964	20.359	ug/l	98
20) Methylene Chloride	5.095	84	205775	18.093	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	158302	17.056	ug/l	88
22) Diisopropyl ether	6.498	45	823891	20.819	ug/l	96
23) Vinyl Acetate	6.436	43	3086092	100.826	ug/l	94
24) 1,1-Dichloroethane	6.388	63	393257	19.510	ug/l	97
25) 2-Butanone	7.337	43	1052929	96.952	ug/l	91
26) 2,2-Dichloropropane	7.324	77	307088	19.472	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	218796	19.017	ug/l	85
28) Bromochloromethane	7.659	49	220996	21.409	ug/l #	82
29) Tetrahydrofuran	7.686	42	643822	96.602	ug/l	89
30) Chloroform	7.817	83	416486	20.155	ug/l	98
31) Cyclohexane	8.094	56	333708	16.432	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	331926	19.244	ug/l	95
36) 1,1-Dichloropropene	8.222	75	259377	18.613	ug/l	96
37) Ethyl Acetate	7.412	43	400389	21.254	ug/l	95
38) Carbon Tetrachloride	8.206	117	263576	19.591	ug/l	99
39) Methylcyclohexane	9.459	83	293129	16.909	ug/l	89
40) Benzene	8.461	78	836952	19.458	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	204357	20.995	ug/l	89
42) 1,2-Dichloroethane	8.531	62	363147	21.561	ug/l	97
43) Isopropyl Acetate	8.563	43	632600	20.907	ug/l #	93
44) Trichloroethene	9.215	130	203013	19.720	ug/l	94
45) 1,2-Dichloropropane	9.488	63	240248	20.905	ug/l	100
46) Dibromomethane	9.577	93	154706	20.098	ug/l	94
47) Bromodichloromethane	9.762	83	304711	21.213	ug/l	98
48) Methyl methacrylate	9.561	41	275778	19.372	ug/l	93
49) 1,4-Dioxane	9.571	88	97862	372.394	ug/l #	87
51) 4-Methyl-2-Pentanone	10.330	43	2047684	104.845	ug/l	95
52) Toluene	10.505	92	515701	19.245	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	308702	19.195	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	337908	19.260	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	235040	21.759	ug/l	97
56) Ethyl methacrylate	10.762	69	362035	19.107	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	397305	20.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	438326	98.883	ug/l	91
59) 2-Hexanone	11.084	43	1439628	92.469	ug/l	93
60) Dibromochloromethane	11.237	129	213987	19.593	ug/l	100
61) 1,2-Dibromoethane	11.344	107	224311	19.277	ug/l	98
64) Tetrachloroethene	10.979	164	183443	20.154	ug/l	96
65) Chlorobenzene	11.771	112	573287	20.432	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	214932	22.085	ug/l	99
67) Ethyl Benzene	11.843	91	1024408	19.796	ug/l	95
68) m/p-Xylenes	11.953	106	734063	38.569	ug/l	91
69) o-Xylene	12.280	106	375457	19.788	ug/l	91
70) Styrene	12.294	104	605491	18.753	ug/l	96
71) Bromoform	12.457	173	144340	19.338	ug/l #	98
73) Isopropylbenzene	12.578	105	1003540	20.307	ug/l	98
74) N-amyl acetate	12.390	43	411129	19.631	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	361661	21.699	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	307092m	21.439	ug/l	
77) Bromobenzene	12.859	156	232279	20.552	ug/l	78
78) n-propylbenzene	12.921	91	1112061	19.999	ug/l	96
79) 2-Chlorotoluene	13.007	91	697560	20.260	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	815323	20.408	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	76401	19.827	ug/l	86
82) 4-Chlorotoluene	13.106	91	666598	20.310	ug/l	92
83) tert-Butylbenzene	13.323	119	730355	20.862	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	790690	20.501	ug/l	98
85) sec-Butylbenzene	13.500	105	984197	20.124	ug/l	98
86) p-Isopropyltoluene	13.616	119	775584	19.977	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	392375	20.024	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	381776	19.860	ug/l	96
89) n-Butylbenzene	13.943	91	599483	18.517	ug/l	98
90) Hexachloroethane	14.211	117	128826	19.434	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	395172	21.194	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	57851	19.795	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	166826	19.126	ug/l	98
94) Hexachlorobutadiene	15.370	225	109205	22.541	ug/l	99
95) Naphthalene	15.507	128	418813	18.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	162739	19.485	ug/l	98

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

