

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069856.D
 Acq On : 8 Dec 2021 13:05
 Operator : JC/MD
 Sample : VN1208WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 09 11:36:37 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1020700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1654094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1529149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	625429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	819940	52.028	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.060%			
35) Dibromofluoromethane	8.021	113	548375	52.927	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.860%			
50) Toluene-d8	10.440	98	2140500	51.451	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.900%			
62) 4-Bromofluorobenzene	12.731	95	750760	49.813	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	235536	19.785	ug/l	99
3) Chloromethane	2.306	50	282673	18.953	ug/l	100
4) Vinyl Chloride	2.448	62	260183	18.972	ug/l	99
5) Bromomethane	2.864	94	154062	20.678	ug/l	100
6) Chloroethane	3.025	64	159023	18.923	ug/l	100
7) Trichlorofluoromethane	3.379	101	351052	19.504	ug/l	100
8) Diethyl Ether	3.824	74	139898	20.181	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	206772	20.494	ug/l	95
10) Methyl Iodide	4.425	142	264191	19.167	ug/l	98
11) Tert butyl alcohol	5.374	59	230914	77.515	ug/l	99
12) 1,1-Dichloroethene	4.186	96	183501	18.874	ug/l	87
13) Acrolein	4.041	56	301174	118.720	ug/l	99
14) Allyl chloride	4.840	41	422635	19.291	ug/l	94
15) Acrylonitrile	5.554	53	739316	92.101	ug/l	99
16) Acetone	4.288	43	858300	90.537	ug/l	96
17) Carbon Disulfide	4.529	76	461783	18.384	ug/l	97
18) Methyl Acetate	4.857	43	533062	18.629	ug/l	90
19) Methyl tert-butyl Ether	5.618	73	763989	20.209	ug/l	97
20) Methylene Chloride	5.093	84	242021	19.204	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	199092	18.853	ug/l	85
22) Diisopropyl ether	6.498	45	900160	21.021	ug/l	96
23) Vinyl Acetate	6.434	43	3599986	103.336	ug/l	94
24) 1,1-Dichloroethane	6.388	63	446775	20.141	ug/l	98
25) 2-Butanone	7.337	43	1131217	87.822	ug/l	91
26) 2,2-Dichloropropane	7.327	77	338014	19.599	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	250729	19.652	ug/l	86
28) Bromochloromethane	7.657	49	252468	21.887	ug/l #	78
29) Tetrahydrofuran	7.686	42	718135	91.816	ug/l	87
30) Chloroform	7.817	83	450667	20.117	ug/l	100
31) Cyclohexane	8.096	56	431546	19.677	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	371799	19.484	ug/l	96
36) 1,1-Dichloropropene	8.222	75	322130	20.457	ug/l	96
37) Ethyl Acetate	7.412	43	446535	19.053	ug/l #	95
38) Carbon Tetrachloride	8.206	117	307858	19.937	ug/l	99
39) Methylcyclohexane	9.459	83	378100	20.187	ug/l	89
40) Benzene	8.458	78	989407	20.557	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	211509	19.225	ug/l	92
42) 1,2-Dichloroethane	8.531	62	405459	20.868	ug/l	97
43) Isopropyl Acetate	8.560	43	683985	19.721	ug/l #	94
44) Trichloroethene	9.215	130	229413	19.970	ug/l	90
45) 1,2-Dichloropropane	9.488	63	273978	21.198	ug/l	99
46) Dibromomethane	9.577	93	177089	20.892	ug/l	92
47) Bromodichloromethane	9.762	83	336231	20.950	ug/l	99
48) Methyl methacrylate	9.558	41	320775	19.819	ug/l	88
49) 1,4-Dioxane	9.566	88	92141	317.272	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	2199945	97.778	ug/l	94
52) Toluene	10.505	92	605571	20.608	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	341370	19.488	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	380955	20.049	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	243404	20.530	ug/l	96
56) Ethyl methacrylate	10.760	69	389852	18.912	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	433337	20.757	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	411595	81.510	ug/l	91
59) 2-Hexanone	11.084	43	1539188	90.434	ug/l	92
60) Dibromochloromethane	11.237	129	232211	19.787	ug/l	100
61) 1,2-Dibromoethane	11.344	107	244529	19.913	ug/l	99
64) Tetrachloroethene	10.974	164	216659	20.896	ug/l	95
65) Chlorobenzene	11.768	112	632603	20.392	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	227330	20.820	ug/l	99
67) Ethyl Benzene	11.843	91	1165730	20.687	ug/l	95
68) m/p-Xylenes	11.953	106	850123	41.434	ug/l	92
69) o-Xylene	12.280	106	416434	20.150	ug/l	91
70) Styrene	12.294	104	670726	20.467	ug/l	95
71) Bromoform	12.457	173	159486	18.876	ug/l #	99
73) Isopropylbenzene	12.578	105	1099301	19.755	ug/l	98
74) N-amyl acetate	12.388	43	437993	17.798	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	377427	19.614	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	357906m	19.955	ug/l	
77) Bromobenzene	12.860	156	256786	19.646	ug/l	78
78) n-propylbenzene	12.921	91	1235624	19.955	ug/l	96
79) 2-Chlorotoluene	13.007	91	773775	19.776	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	907622	20.265	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	86066	18.490	ug/l	87
82) 4-Chlorotoluene	13.104	91	738433	20.068	ug/l	93
83) tert-Butylbenzene	13.324	119	770457	19.427	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	883536	20.714	ug/l	97
85) sec-Butylbenzene	13.501	105	1061801	19.739	ug/l	97
86) p-Isopropyltoluene	13.616	119	849289	20.198	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	426036	19.841	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	411111	19.482	ug/l	96
89) n-Butylbenzene	13.943	91	640123	18.767	ug/l	98
90) Hexachloroethane	14.211	117	136671	18.513	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	423980	20.265	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	60754	17.473	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	172502	18.721	ug/l	99
94) Hexachlorobutadiene	15.370	225	110681	19.961	ug/l	98
95) Naphthalene	15.507	128	429676	16.923	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	169922	18.599	ug/l	97

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

