

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069806.D
 Acq On : 7 Dec 2021 11:24
 Operator : JC/MD
 Sample : VN1207WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 08 04:32:09 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	1105700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1776754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1631600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	680242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	746767	43.742	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.480%		
35) Dibromofluoromethane	8.018	113	509911	45.817	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.640%		
50) Toluene-d8	10.440	98	2045617	45.776	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.560%		
62) 4-Bromofluorobenzene	12.731	95	715870	44.219	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	226511	17.564	ug/l	99
3) Chloromethane	2.303	50	257580	15.943	ug/l	98
4) Vinyl Chloride	2.448	62	245823	16.547	ug/l	98
5) Bromomethane	2.856	94	141770	17.565	ug/l	99
6) Chloroethane	3.019	64	153443	16.855	ug/l	93
7) Trichlorofluoromethane	3.379	101	339650	17.420	ug/l	99
8) Diethyl Ether	3.824	74	127937	17.037	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.207	101	195459	17.883	ug/l	96
10) Methyl Iodide	4.419	142	223072	14.940	ug/l	97
11) Tert butyl alcohol	5.374	59	209248	64.842	ug/l	100
12) 1,1-Dichloroethene	4.183	96	178268	16.926	ug/l	88
13) Acrolein	4.041	56	285797	103.998	ug/l	100
14) Allyl chloride	4.840	41	381931	16.093	ug/l	95
15) Acrylonitrile	5.554	53	638271	73.401	ug/l	99
16) Acetone	4.288	43	805413	78.427	ug/l	95
17) Carbon Disulfide	4.529	76	439023	16.135	ug/l	99
18) Methyl Acetate	4.856	43	459740	14.831	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	685945	16.750	ug/l	97
20) Methylene Chloride	5.090	84	223324	16.358	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	189407	16.557	ug/l	87
22) Diisopropyl ether	6.495	45	803134	17.314	ug/l	96
23) Vinyl Acetate	6.433	43	3165620	83.882	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	408776	17.012	ug/l	98
25) 2-Butanone	7.335	43	1008585	72.282	ug/l	91
26) 2,2-Dichloropropane	7.329	77	321557	17.211	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	232126	16.795	ug/l	88
28) Bromochloromethane	7.656	49	241384	19.318	ug/l #	79
29) Tetrahydrofuran	7.686	42	607579	71.709	ug/l	89
30) Chloroform	7.817	83	409609	16.879	ug/l	98
31) Cyclohexane	8.094	56	412263	17.352	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	349235	16.894	ug/l	95
36) 1,1-Dichloropropene	8.222	75	296438	17.526	ug/l	96
37) Ethyl Acetate	7.412	43	375366	14.911	ug/l	95
38) Carbon Tetrachloride	8.206	117	292241	17.619	ug/l	99
39) Methylcyclohexane	9.459	83	360965	17.942	ug/l	89
40) Benzene	8.458	78	917163	17.740	ug/l	100

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41) Methacrylonitrile	7.638	41	184693	15.628	ug/l	91
42) 1,2-Dichloroethane	8.528	62	364728	17.476	ug/l	96
43) Isopropyl Acetate	8.560	43	595622	15.988	ug/l #	94
44) Trichloroethene	9.215	130	218221	17.684	ug/l	92
45) 1,2-Dichloropropane	9.491	63	245226	17.663	ug/l	99
46) Dibromomethane	9.577	93	156805	17.222	ug/l	93
47) Bromodichloromethane	9.759	83	299642	17.381	ug/l	99
48) Methyl methacrylate	9.558	41	272769	15.689	ug/l	87
49) 1,4-Dioxane	9.569	88	92560	296.712	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	1879223	77.757	ug/l	95
52) Toluene	10.505	92	559737	17.734	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	309235	16.873	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	347590	17.331	ug/l	89
55) 1,1,2-Trichloroethane	10.896	97	218615	17.166	ug/l	97
56) Ethyl methacrylate	10.759	69	352346	16.274	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	393140	17.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	436192	80.664	ug/l	93
59) 2-Hexanone	11.084	43	1361632	74.478	ug/l	93
60) Dibromochloromethane	11.237	129	207876	16.886	ug/l	100
61) 1,2-Dibromoethane	11.344	107	220491	16.716	ug/l	99
64) Tetrachloroethene	10.977	164	196512	17.762	ug/l	92
65) Chlorobenzene	11.768	112	581248	17.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	208635	17.908	ug/l	100
67) Ethyl Benzene	11.843	91	1081521	17.988	ug/l	96
68) m/p-Xylenes	11.953	106	797840	36.444	ug/l	93
69) o-Xylene	12.280	106	385379	17.476	ug/l	90
70) Styrene	12.294	104	616882	17.642	ug/l	95
71) Bromoform	12.457	173	139202	15.938	ug/l #	99
73) Isopropylbenzene	12.578	105	1034941	17.100	ug/l	98
74) N-amyl acetate	12.387	43	400886	14.978	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	328768	15.709	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	276487m	14.173	ug/l	
77) Bromobenzene	12.859	156	234643	16.506	ug/l	81
78) n-propylbenzene	12.918	91	1165166	17.301	ug/l	96
79) 2-Chlorotoluene	13.007	91	717220	16.854	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	845519	17.357	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	76205	15.807	ug/l	86
82) 4-Chlorotoluene	13.104	91	686446	17.152	ug/l	92
83) tert-Butylbenzene	13.323	119	716765	16.617	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	801877	17.285	ug/l	98
85) sec-Butylbenzene	13.500	105	1000042	17.092	ug/l	98
86) p-Isopropyltoluene	13.616	119	799603	17.484	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	401050	17.172	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	388350	16.921	ug/l	96
89) n-Butylbenzene	13.940	91	618748	16.679	ug/l	98
90) Hexachloroethane	14.211	117	130801	16.290	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	388744	17.084	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	51508	13.620	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	151858	15.701	ug/l	97
94) Hexachlorobutadiene	15.367	225	102751	17.038	ug/l	100
95) Naphthalene	15.504	128	346636	13.581	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	144727	15.093	ug/l	98

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

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