

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069761.D
 Acq On : 4 Dec 2021 13:11
 Operator : JC/MD
 Sample : VN1204WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 16:10:46 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	1088112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1778343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1617263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	673341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	828127	49.292	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.580%		
35) Dibromofluoromethane	8.021	113	570047	51.175	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.360%		
50) Toluene-d8	10.440	98	2255228	50.422	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.840%		
62) 4-Bromofluorobenzene	12.731	95	784715	48.428	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	263867	20.791	ug/l	97
3) Chloromethane	2.303	50	298519	18.775	ug/l	99
4) Vinyl Chloride	2.448	62	282664	19.334	ug/l	98
5) Bromomethane	2.861	94	152778	19.235	ug/l	99
6) Chloroethane	3.025	64	167159	18.659	ug/l	98
7) Trichlorofluoromethane	3.376	101	379614	19.784	ug/l	100
8) Diethyl Ether	3.824	74	143314	19.393	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	217300	20.203	ug/l	96
10) Methyl Iodide	4.419	142	208589	14.196	ug/l	96
11) Tert butyl alcohol	5.377	59	242957	76.505	ug/l	100
12) 1,1-Dichloroethene	4.178	96	200666	19.361	ug/l	85
13) Acrolein	4.041	56	223703	82.719	ug/l	100
14) Allyl chloride	4.838	41	442985	18.967	ug/l	95
15) Acrylonitrile	5.554	53	728795	85.166	ug/l	99
16) Acetone	4.288	43	904058	89.455	ug/l	97
17) Carbon Disulfide	4.529	76	533622	19.928	ug/l	99
18) Methyl Acetate	4.857	43	523461	17.160	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	775916	19.253	ug/l	96
20) Methylene Chloride	5.095	84	248227	18.476	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	217463	19.317	ug/l	86
22) Diisopropyl ether	6.498	45	912398	19.987	ug/l	94
23) Vinyl Acetate	6.434	43	3662276	98.611	ug/l	95
24) 1,1-Dichloroethane	6.388	63	464320	19.635	ug/l	98
25) 2-Butanone	7.337	43	1161923	84.618	ug/l	92
26) 2,2-Dichloropropane	7.324	77	364084	19.802	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	258960	19.039	ug/l	85
28) Bromochloromethane	7.657	49	226191	18.394	ug/l #	79
29) Tetrahydrofuran	7.686	42	728942	87.423	ug/l	87
30) Chloroform	7.817	83	466676	19.541	ug/l	100
31) Cyclohexane	8.094	56	472773	20.221	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	396668	19.499	ug/l	96
36) 1,1-Dichloropropene	8.222	75	345310	20.397	ug/l	96
37) Ethyl Acetate	7.413	43	437203	17.351	ug/l	95
38) Carbon Tetrachloride	8.206	117	331502	19.969	ug/l	99
39) Methylcyclohexane	9.459	83	419835	20.849	ug/l	90
40) Benzene	8.459	78	1028001	19.866	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	227627	19.244	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	409286	19.594	ug/l	96
43) Isopropyl Acetate	8.560	43	690571	18.520	ug/l #	94
44) Trichloroethene	9.215	130	245293	19.861	ug/l	92
45) 1,2-Dichloropropane	9.488	63	276427	19.893	ug/l	99
46) Dibromomethane	9.577	93	179136	19.657	ug/l	92
47) Bromodichloromethane	9.762	83	344807	19.983	ug/l	99
48) Methyl methacrylate	9.558	41	319973	18.388	ug/l	90
49) 1,4-Dioxane	9.569	88	103245	330.669	ug/l #	86
51) 4-Methyl-2-Pentanone	10.331	43	2197871	90.861	ug/l	95
52) Toluene	10.505	92	634355	20.080	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	350690	18.746	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	392892	19.314	ug/l #	87
55) 1,1,2-Trichloroethane	10.899	97	247945	19.452	ug/l	97
56) Ethyl methacrylate	10.760	69	401377	18.207	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	435762	19.415	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	434211	80.325	ug/l	91
59) 2-Hexanone	11.084	43	1569519	85.773	ug/l	92
60) Dibromochloromethane	11.237	129	233654	18.671	ug/l	99
61) 1,2-Dibromoethane	11.344	107	250719	18.990	ug/l	99
64) Tetrachloroethene	10.977	164	226483	20.653	ug/l	96
65) Chlorobenzene	11.771	112	658347	20.066	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	231707	20.065	ug/l	100
67) Ethyl Benzene	11.843	91	1216848	20.418	ug/l	98
68) m/p-Xylenes	11.953	106	893519	41.176	ug/l	92
69) o-Xylene	12.280	106	438484	20.061	ug/l	91
70) Styrene	12.294	104	699679	20.187	ug/l	95
71) Bromoform	12.457	173	158564	17.908	ug/l #	99
73) Isopropylbenzene	12.578	105	1155202	19.283	ug/l	99
74) N-amyl acetate	12.388	43	458554	17.308	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	380988	18.391	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	325952m	16.880	ug/l	
77) Bromobenzene	12.860	156	265254	18.850	ug/l	80
78) n-propylbenzene	12.919	91	1306961	19.605	ug/l	96
79) 2-Chlorotoluene	13.007	91	809598	19.220	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	942951	19.555	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	86153	17.477	ug/l	86
82) 4-Chlorotoluene	13.104	91	776300	19.596	ug/l	93
83) tert-Butylbenzene	13.324	119	826700	19.362	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	915316	19.932	ug/l	98
85) sec-Butylbenzene	13.501	105	1129854	19.509	ug/l	98
86) p-Isopropyltoluene	13.616	119	894900	19.768	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	451459	19.529	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	434800	19.139	ug/l	96
89) n-Butylbenzene	13.943	91	704980	19.198	ug/l	98
90) Hexachloroethane	14.211	117	143079	18.002	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	435063	19.315	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	64055	17.111	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	179548	18.195	ug/l	98
94) Hexachlorobutadiene	15.370	225	116080	19.446	ug/l	99
95) Naphthalene	15.507	128	448976	16.542	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	177462	18.115	ug/l	97

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

