

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068086.D
 Acq On : 12 Aug 2021 13:48
 Operator : JC/MD
 Sample : VN0812WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/13/2021 10:56:20 AM

Quant Time: Aug 13 05:41:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	348177	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	629459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	592073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	262957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	285719	57.966	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.940%			
35) Dibromofluoromethane	8.024	113	217875	59.393	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 118.780%			
50) Toluene-d8	10.443	98	867916	51.167	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.340%			
62) 4-Bromofluorobenzene	12.734	95	298465	48.347	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	69629	19.517	ug/l	99
3) Chloromethane	2.301	50	83623	18.869	ug/l	99
4) Vinyl Chloride	2.443	62	129246	18.692	ug/l	95
5) Bromomethane	2.845	94	108038	17.532	ug/l	99
6) Chloroethane	3.014	64	96711	18.039	ug/l	97
7) Trichlorofluoromethane	3.368	101	236290	18.859	ug/l	99
8) Diethyl Ether	3.813	74	66054	27.744	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.202	101	74750	20.695	ug/l	93
10) Methyl Iodide	4.414	142	86055	20.222	ug/l	90
11) Tert butyl alcohol	5.390	59	72829	110.278	ug/l	99
12) 1,1-Dichloroethene	4.170	96	66549	20.157	ug/l	83
13) Acrolein	4.036	56	50294	112.218	ug/l	# 62
14) Allyl chloride	4.832	41	112654	20.092	ug/l	96
15) Acrylonitrile	5.557	53	203225	109.792	ug/l	99
16) Acetone	4.291	43	182773	101.626	ug/l	# 88
17) Carbon Disulfide	4.519	76	169747	17.728	ug/l	97
18) Methyl Acetate	4.857	43	101367	23.388	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	263481	21.260	ug/l	100
20) Methylene Chloride	5.095	84	87148	20.819	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	76788	19.997	ug/l	88
22) Diisopropyl ether	6.501	45	260139	20.901	ug/l	96
23) Vinyl Acetate	6.436	43	1074307	96.956	ug/l	# 94
24) 1,1-Dichloroethane	6.388	63	148014	20.563	ug/l	97
25) 2-Butanone	7.340	43	276240	105.871	ug/l	90
26) 2,2-Dichloropropane	7.327	77	128781	20.456	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	91935	20.140	ug/l	87
28) Bromochloromethane	7.659	49	62958	18.338	ug/l	# 82
29) Tetrahydrofuran	7.689	42	181266	108.488	ug/l	92
30) Chloroform	7.820	83	164986	20.696	ug/l	97
31) Cyclohexane	8.094	56	131747	18.120	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	142117	20.639	ug/l	97
36) 1,1-Dichloropropene	8.220	75	111421	19.137	ug/l	96
37) Ethyl Acetate	7.415	43	112866	20.597	ug/l	98
38) Carbon Tetrachloride	8.206	117	117553	20.530	ug/l	97
39) Methylcyclohexane	9.462	83	122401	19.453	ug/l	90
40) Benzene	8.461	78	351336	20.382	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	56898	21.797	ug/l	88
42) 1,2-Dichloroethane	8.531	62	130951	20.569	ug/l	97
43) Isopropyl Acetate	8.563	43	196693	21.541	ug/l	96
44) Trichloroethene	9.217	130	88193	20.228	ug/l	82
45) 1,2-Dichloropropane	9.491	63	91004	21.189	ug/l	97
46) Dibromomethane	9.580	93	65953	21.240	ug/l	95
47) Bromodichloromethane	9.765	83	127598	21.562	ug/l	99
48) Methyl methacrylate	9.561	41	81799	19.444	ug/l	91
49) 1,4-Dioxane	9.572	88	33114	455.921	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	597883	97.898	ug/l	94
52) Toluene	10.510	92	226742	20.244	ug/l	96
53) t-1,3-Dichloropropene	10.719	75	133028	19.520	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	140028	19.484	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	92881	21.389	ug/l	98
56) Ethyl methacrylate	10.762	69	134023	19.200	ug/l	90
57) 1,3-Dichloropropane	11.047	76	150491	21.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	110530	89.258	ug/l	92
59) 2-Hexanone	11.087	43	421568	97.453	ug/l	94
60) Dibromochloromethane	11.240	129	94515	19.579	ug/l	99
61) 1,2-Dibromoethane	11.350	107	94765	21.250	ug/l	99
64) Tetrachloroethene	10.982	164	82666	19.494	ug/l	94
65) Chlorobenzene	11.773	112	244232	20.281	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.843	131	93722	20.437	ug/l	98
67) Ethyl Benzene	11.848	91	436060	20.335	ug/l	96
68) m/p-Xylenes	11.956	106	341781	39.062	ug/l	86
69) o-Xylene	12.283	106	162219	20.577	ug/l	89
70) Styrene	12.296	104	271963	19.203	ug/l	92
71) Bromoform	12.460	173	61480	18.967	ug/l #	98
73) Isopropylbenzene	12.581	105	417061	19.440	ug/l	98
74) N-amyl acetate	12.390	43	145453	19.505	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.830	83	135056	20.832	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	112884m	21.376	ug/l	
77) Bromobenzene	12.862	156	97698	19.833	ug/l	79
78) n-propylbenzene	12.921	91	482879	19.945	ug/l	96
79) 2-Chlorotoluene	13.010	91	295558	20.031	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	345226	19.853	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	33659	20.028	ug/l	97
82) 4-Chlorotoluene	13.106	91	295651	19.957	ug/l	92
83) tert-Butylbenzene	13.326	119	292606	20.237	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	342969	20.357	ug/l	93
85) sec-Butylbenzene	13.506	105	407269	20.137	ug/l	96
86) p-Isopropyltoluene	13.619	119	324903	20.191	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	184789	20.424	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	184265	20.623	ug/l	96
89) n-Butylbenzene	13.946	91	271421	19.671	ug/l	98
90) Hexachloroethane	14.214	117	57719	20.971	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	176283	20.691	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.606	75	22135	21.385	ug/l	74
93) 1,2,4-Trichlorobenzene	15.268	180	73116	20.673	ug/l	99
94) Hexachlorobutadiene	15.373	225	37075	20.942	ug/l	98
95) Naphthalene	15.509	128	196554	19.931	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	70199	20.879	ug/l	97

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

