

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030321\
 Data File : VN066122.D
 Acq On : 3 Mar 2021 14:20
 Operator : JC/MD
 Sample : VN0303WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0303WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:14:18 PM

Quant Time: Mar 04 02:14:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	85217	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.547	114	141077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	127792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	55434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	61083	47.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.20%		
35) Dibromofluoromethane	7.547	113	42659	47.75	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.50%		
50) Toluene-d8	10.055	98	165106	47.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.90%		
62) 4-Bromofluorobenzene	12.373	95	60776	45.35	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.70%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.849	85	19635	17.97	ug/l	99
3) Chloromethane	2.052	50	20928	18.23	ug/l	100
4) Vinyl Chloride	2.181	62	21735	18.02	ug/l	99
5) Bromomethane	2.550	94	14378	17.14	ug/l	98
6) Chloroethane	2.692	64	11944	18.60	ug/l	96
7) Trichlorofluoromethane	3.004	101	33027	17.37	ug/l	96
8) Diethyl Ether	3.386	74	9859	17.99	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.730	101	14365	17.92	ug/l	98
10) Methyl Iodide	3.923	142	21593	17.64	ug/l	93
11) Tert butyl alcohol	4.743	59	14597	81.52	ug/l	99
12) 1,1-Dichloroethene	3.711	96	15508	17.64	ug/l	97
13) Acrolein	3.583	56	12392	88.87	ug/l	99
14) Allyl chloride	4.290	41	23896	17.73	ug/l	93
15) Acrylonitrile	4.943	53	33396	85.86	ug/l	98
16) Acetone	3.782	43	29208	75.35	ug/l	91
17) Carbon Disulfide	4.023	76	43672	16.90	ug/l	98
18) Methyl Acetate	4.290	43	14695	17.76	ug/l	96
19) Methyl tert-butyl Ether	5.000	73	55832	17.15	ug/l	97
20) Methylene Chloride	4.518	84	17934	17.58	ug/l	93
21) trans-1,2-Dichloroethene	5.004	96	17136	18.77	ug/l	92
22) Diisopropyl ether	5.904	45	48329	17.88	ug/l	91
23) Vinyl Acetate	5.849	43	202934	88.47	ug/l	98
24) 1,1-Dichloroethane	5.801	63	30305	17.95	ug/l	98
25) 2-Butanone	6.788	43	42323	82.33	ug/l	98
26) 2,2-Dichloropropane	6.779	77	30232	17.41	ug/l	95
27) cis-1,2-Dichloroethene	6.788	96	18682	17.20	ug/l	91
28) Bromochloromethane	7.148	49	12873	18.64	ug/l	# 100
29) Tetrahydrofuran	7.164	42	28375	85.54	ug/l	93
30) Chloroform	7.332	83	32996	17.71	ug/l	96
31) Cyclohexane	7.614	56	25759	16.61	ug/l	# 92
32) 1,1,1-Trichloroethane	7.528	97	31451	17.94	ug/l	100
36) 1,1-Dichloropropene	7.750	75	24314	18.34	ug/l	98
37) Ethyl Acetate	6.885	43	19149	18.54	ug/l	98
38) Carbon Tetrachloride	7.733	117	26787	17.57	ug/l	96
39) Methylcyclohexane	9.045	83	23999	16.75	ug/l	98
40) Benzene	8.004	78	69800	17.83	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	9800	18.54	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	29030	18.72	ug/l	95
43) Isopropyl Acetate	8.123	43	34462	17.83	ug/l	99
44) Trichloroethene	8.798	130	20016	18.30	ug/l	97
45) 1,2-Dichloropropane	9.081	63	17259	17.71	ug/l	93
46) Dibromomethane	9.174	93	12208	19.17	ug/l	94
47) Bromodichloromethane	9.367	83	26564	18.00	ug/l	98
48) Methyl methacrylate	9.161	41	15938	17.02	ug/l	94
49) 1,4-Dioxane	9.161	88	6056	366.39	ug/l	98
51) 4-Methyl-2-Pentanone	9.946	43	93394	88.24	ug/l	100
52) Toluene	10.119	92	45309	17.98	ug/l	96
53) t-1,3-Dichloropropene	10.348	75	30095	17.66	ug/l	99
54) cis-1,3-Dichloropropene	9.804	75	31400	17.79	ug/l	93
55) 1,1,2-Trichloroethane	10.528	97	17059	18.01	ug/l	97
56) Ethyl methacrylate	10.396	69	24698	18.38	ug/l	99
57) 1,3-Dichloropropane	10.672	76	29044	18.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	45982	87.74	ug/l	94
59) 2-Hexanone	10.720	43	60096	83.91	ug/l	99
60) Dibromochloromethane	10.868	129	19597	17.96	ug/l	96
61) 1,2-Dibromoethane	10.971	107	17383	18.03	ug/l	97
64) Tetrachloroethene	10.598	164	19110	18.11	ug/l	96
65) Chlorobenzene	11.402	112	48306	18.10	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.476	131	18874	18.66	ug/l	98
67) Ethyl Benzene	11.479	91	85046	17.69	ug/l	99
68) m/p-Xylenes	11.589	106	65081	35.05	ug/l	97
69) o-Xylene	11.917	106	32575	17.97	ug/l	99
70) Styrene	11.933	104	49448	17.36	ug/l	94
71) Bromoform	12.097	173	11801	16.80	ug/l #	99
73) Isopropylbenzene	12.219	105	82637	18.18	ug/l	98
74) N-amyl acetate	12.042	43	17693	15.61	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.473	83	21316	17.72	ug/l	96
76) 1,2,3-Trichloropropane	12.524	75	21640m	17.68	ug/l	
77) Bromobenzene	12.495	156	19542	18.65	ug/l	89
78) n-propylbenzene	12.560	91	86076	17.43	ug/l	98
79) 2-Chlorotoluene	12.643	91	55155	17.37	ug/l	100
80) 1,3,5-Trimethylbenzene	12.701	105	70050	17.40	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	6872	16.52	ug/l #	89
82) 4-Chlorotoluene	12.743	91	57180	17.45	ug/l	97
83) tert-Butylbenzene	12.962	119	56871	17.22	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	67876	17.25	ug/l	98
85) sec-Butylbenzene	13.142	105	70079	17.26	ug/l	100
86) p-Isopropyltoluene	13.257	119	65595	17.36	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	32944	18.06	ug/l	96
88) 1,4-Dichlorobenzene	13.335	146	33209	17.29	ug/l	94
89) n-Butylbenzene	13.582	91	49534	16.62	ug/l	100
90) Hexachloroethane	13.843	117	9660	16.83	ug/l	92
91) 1,2-Dichlorobenzene	13.624	146	32600	18.02	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	5501	16.51	ug/l	76
93) 1,2,4-Trichlorobenzene	14.875	180	16090	16.87	ug/l	98
94) Hexachlorobutadiene	14.978	225	6933	15.20	ug/l	99
95) Naphthalene	15.097	128	53184	17.21	ug/l	99
96) 1,2,3-Trichlorobenzene	15.277	180	16858	16.34	ug/l	97

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

