

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071321\
 Data File : VN067711.D
 Acq On : 13 Jul 2021 12:11
 Operator : JC/MD
 Sample : VN0713WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 1:17:28 PM

Quant Time: Jul 13 22:15:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	381941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	700122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	667596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	301709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	288782	50.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.06%
35) Dibromofluoromethane	8.021	113	208928	49.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.78%
50) Toluene-d8	10.443	98	873324	49.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.64%
62) 4-Bromofluorobenzene	12.733	95	303430	48.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.02%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	60357	18.59	ug/l	99
3) Chloromethane	2.300	50	81416	15.83	ug/l	96
4) Vinyl Chloride	2.443	62	133810	17.24	ug/l	97
5) Bromomethane	2.853	94	118086	19.37	ug/l	100
6) Chloroethane	3.017	64	106274	18.00	ug/l	99
7) Trichlorofluoromethane	3.371	101	265644	20.55	ug/l	97
8) Diethyl Ether	3.816	74	46657	15.10	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.202	101	70799	20.00	ug/l	96
10) Methyl Iodide	4.417	142	76709	18.19	ug/l	93
11) Tert butyl alcohol	5.385	59	70120	84.54	ug/l	96
12) 1,1-Dichloroethene	4.175	96	64971	19.13	ug/l	87
13) Acrolein	4.038	56	49300	119.76	ug/l	100
14) Allyl chloride	4.838	41	113687	18.21	ug/l	93
15) Acrylonitrile	5.554	53	191880	93.27	ug/l	99
16) Acetone	4.288	43	159777	87.97	ug/l	97
17) Carbon Disulfide	4.521	76	167835	17.84	ug/l	97
18) Methyl Acetate	4.859	43	92349	18.10	ug/l	94
19) Methyl tert-butyl Ether	5.621	73	263232	18.70	ug/l	99
20) Methylene Chloride	5.090	84	89394	20.67	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	75674	18.85	ug/l	95
22) Diisopropyl ether	6.498	45	267168	18.86	ug/l	98
23) Vinyl Acetate	6.433	43	1104196	91.17	ug/l	98
24) 1,1-Dichloroethane	6.385	63	148837	18.85	ug/l	98
25) 2-Butanone	7.340	43	271759	90.10	ug/l	97
26) 2,2-Dichloropropane	7.327	77	128454	18.61	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	91406	18.19	ug/l	90
28) Bromochloromethane	7.656	49	72685	18.86	ug/l	86
29) Tetrahydrofuran	7.689	42	178108	89.80	ug/l	94
30) Chloroform	7.820	83	162925	18.37	ug/l	100
31) Cyclohexane	8.094	56	140870	17.40	ug/l #	89
32) 1,1,1-Trichloroethane	8.016	97	143236	18.62	ug/l	99
36) 1,1-Dichloropropene	8.222	75	118084	18.16	ug/l	96
37) Ethyl Acetate	7.415	43	110754	17.58	ug/l	99
38) Carbon Tetrachloride	8.204	117	118216	18.43	ug/l	96
39) Methylcyclohexane	9.461	83	134400	18.88	ug/l	93
40) Benzene	8.461	78	358669	18.42	ug/l	99
41) Methacrylonitrile	7.640	41	57562	17.77	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.531	62	137295	18.99	ug/l	98
43) Isopropyl Acetate	8.563	43	200919	18.13	ug/l	97
44) Trichloroethene	9.217	130	91219	18.46	ug/l	91
45) 1,2-Dichloropropane	9.494	63	91670	18.60	ug/l	99
46) Dibromomethane	9.579	93	66153	18.92	ug/l	98
47) Bromodichloromethane	9.762	83	127922	18.71	ug/l	99
48) Methyl methacrylate	9.563	41	87620	17.87	ug/l	90
49) 1,4-Dioxane	9.574	88	30725	337.02	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	626757	92.04	ug/l	97
52) Toluene	10.507	92	241854	18.97	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	132740	17.47	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	142649	18.76	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	92634	18.96	ug/l	96
56) Ethyl methacrylate	10.765	69	138686	18.42	ug/l	94
57) 1,3-Dichloropropane	11.046	76	154644	18.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	124334	74.73	ug/l	93
59) 2-Hexanone	11.087	43	429114	90.28	ug/l	97
60) Dibromochloromethane	11.242	129	91239	16.85	ug/l	99
61) 1,2-Dibromoethane	11.349	107	92649	18.57	ug/l	100
64) Tetrachloroethene	10.979	164	90333	19.17	ug/l	95
65) Chlorobenzene	11.773	112	253965	18.52	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	90810	18.83	ug/l	98
67) Ethyl Benzene	11.846	91	470900	18.87	ug/l	99
68) m/p-Xylenes	11.956	106	358710	38.00	ug/l	89
69) o-Xylene	12.283	106	175465	18.90	ug/l	88
70) Styrene	12.296	104	285024	19.20	ug/l	93
71) Bromoform	12.460	173	57855	15.84	ug/l #	100
73) Isopropylbenzene	12.580	105	452013	18.57	ug/l	98
74) N-ethyl acetate	12.390	43	155959	17.66	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	128081	18.13	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	118791m	19.28	ug/l	
77) Bromobenzene	12.862	156	98703	18.32	ug/l	79
78) n-propylbenzene	12.924	91	520804	18.92	ug/l	97
79) 2-Chlorotoluene	13.010	91	312138	18.77	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	380584	19.30	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	30443	15.93	ug/l	94
82) 4-Chlorotoluene	13.106	91	310428	18.86	ug/l	92
83) tert-Butylbenzene	13.326	119	314789	18.71	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	372753	19.29	ug/l	95
85) sec-Butylbenzene	13.506	105	449234	19.30	ug/l	97
86) p-Isopropyltoluene	13.618	119	355615	18.93	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	187948	18.80	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	188603	18.43	ug/l	96
89) n-Butylbenzene	13.946	91	303630	18.84	ug/l	98
90) Hexachloroethane	14.214	117	58837	18.86	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	183182	18.99	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	21927	17.87	ug/l	74
93) 1,2,4-Trichlorobenzene	15.265	180	72316	16.29	ug/l	100
94) Hexachlorobutadiene	15.372	225	38147	18.82	ug/l	97
95) Naphthalene	15.509	128	190205	15.11	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	67970	16.00	ug/l	98

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