

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033121\
 Data File : VN066437.D
 Acq On : 31 Mar 2021 12:18
 Operator : JC/MD
 Sample : VN0331WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/1/2021 4:40:47 PM

Quant Time: Apr 01 01:35:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.579	168	404099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	619889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	575276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	273193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	252846	47.07	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.14%		
35) Dibromofluoromethane	7.501	113	198120	48.21	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.42%		
50) Toluene-d8	10.025	98	755029	48.44	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.88%		
62) 4-Bromofluorobenzene	12.342	95	258059	47.66	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.32%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.816	85	99487	19.55	ug/l	97
3) Chloromethane	2.017	50	115125	20.80	ug/l	100
4) Vinyl Chloride	2.143	62	125666	21.57	ug/l	98
5) Bromomethane	2.510	94	85323	21.84	ug/l	99
6) Chloroethane	2.650	64	79161	21.80	ug/l	97
7) Trichlorofluoromethane	2.961	101	164476	20.53	ug/l	99
8) Diethyl Ether	3.342	74	67164	20.58	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.677	101	94957	21.00	ug/l	96
10) Methyl Iodide	3.862	142	123024	19.17	ug/l	98
11) Tert butyl alcohol	4.707	59	88237	107.70	ug/l #	88
12) 1,1-Dichloroethene	3.655	96	91622	19.78	ug/l	98
13) Acrolein	3.529	56	41191	72.15	ug/l	99
14) Allyl chloride	4.221	41	200006	21.84	ug/l	95
15) Acrylonitrile	4.878	53	238291	104.30	ug/l	99
16) Acetone	3.733	43	360410	124.18	ug/l	97
17) Carbon Disulfide	3.961	76	276334	20.21	ug/l	99
18) Methyl Acetate	4.232	43	181255	23.91	ug/l #	78
19) Methyl tert-butyl Ether	4.937	73	255248	18.59	ug/l	99
20) Methylene Chloride	4.447	84	112444	21.33	ug/l	97
21) trans-1,2-Dichloroethene	4.921	96	77953	18.56	ug/l	96
22) Diisopropyl ether	5.855	45	282102	19.74	ug/l	99
23) Vinyl Acetate	5.790	43	1189980	97.82	ug/l	100
24) 1,1-Dichloroethane	5.737	63	158691	20.11	ug/l	98
25) 2-Butanone	6.740	43	341525	107.65	ug/l	99
26) 2,2-Dichloropropane	6.718	77	137289	19.52	ug/l	98
27) cis-1,2-Dichloroethene	6.721	96	91417	18.66	ug/l	96
28) Bromochloromethane	7.099	49	84243	21.18	ug/l	96
29) Tetrahydrofuran	7.123	42	214424	103.58	ug/l	98
30) Chloroform	7.281	83	156676	19.87	ug/l	98
31) Cyclohexane	7.566	56	140401	18.88	ug/l	96
32) 1,1,1-Trichloroethane	7.480	97	134320	19.39	ug/l	99
36) 1,1-Dichloropropene	7.708	75	112133	19.26	ug/l	99
37) Ethyl Acetate	6.836	43	132597	20.69	ug/l	98
38) Carbon Tetrachloride	7.686	117	110938	18.95	ug/l	98
39) Methylcyclohexane	9.009	83	132296	18.64	ug/l	97
40) Benzene	7.957	78	352630	20.05	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	66363	20.87	ug/l	89
42) 1,2-Dichloroethane	8.043	62	122299	19.41	ug/l	99
43) Isopropyl Acetate	8.089	43	222865	20.34	ug/l	99
44) Trichloroethene	8.762	130	90710	19.61	ug/l	98
45) 1,2-Dichloropropane	9.046	63	97167	20.74	ug/l	95
46) Dibromomethane	9.137	93	61795	20.12	ug/l	98
47) Bromodichloromethane	9.333	83	126033	19.87	ug/l	94
48) Methyl methacrylate	9.132	41	100618	19.30	ug/l	97
49) 1,4-Dioxane	9.132	88	28274	431.54	ug/l	97
51) 4-Methyl-2-Pentanone	9.921	43	670964	104.79	ug/l	100
52) Toluene	10.089	92	218065	20.20	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	135332	19.64	ug/l	100
54) cis-1,3-Dichloropropene	9.773	75	144195	19.49	ug/l	99
55) 1,1,2-Trichloroethane	10.500	97	88209	20.32	ug/l	98
56) Ethyl methacrylate	10.368	69	126303	18.97	ug/l	97
57) 1,3-Dichloropropane	10.645	76	146226	20.30	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	46253	82.25	ug/l	98
59) 2-Hexanone	10.693	43	482504	107.57	ug/l	99
60) Dibromochloromethane	10.840	129	93592	19.42	ug/l	99
61) 1,2-Dibromoethane	10.945	107	89940	19.87	ug/l	99
64) Tetrachloroethene	10.570	164	87765	17.93	ug/l	94
65) Chlorobenzene	11.371	112	229296	20.00	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	85532	19.37	ug/l	96
67) Ethyl Benzene	11.452	91	405986	19.50	ug/l	100
68) m/p-Xylenes	11.562	106	301195	38.08	ug/l	100
69) o-Xylene	11.889	106	142921	18.73	ug/l	99
70) Styrene	11.905	104	239716	19.37	ug/l	98
71) Bromoform	12.069	173	69571	18.94	ug/l #	99
73) Isopropylbenzene	12.192	105	386623	19.03	ug/l	99
74) N-amyl acetate	12.015	43	125870	17.94	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	131261	20.28	ug/l	96
76) 1,2,3-Trichloropropane	12.498	75	121695m	20.30	ug/l	
77) Bromobenzene	12.466	156	98217	19.14	ug/l	98
78) n-propylbenzene	12.533	91	432004	19.55	ug/l	99
79) 2-Chlorotoluene	12.616	91	254943	18.76	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	317329	19.09	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	36514	18.32	ug/l	98
82) 4-Chlorotoluene	12.715	91	259427	19.19	ug/l	99
83) tert-Butylbenzene	12.938	119	265247	18.54	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	309846	19.19	ug/l	98
85) sec-Butylbenzene	13.115	105	355964	19.20	ug/l	100
86) p-Isopropyltoluene	13.233	119	311713	18.78	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	167784	19.49	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	174107	19.47	ug/l	97
89) n-Butylbenzene	13.557	91	257112	18.74	ug/l	97
90) Hexachloroethane	13.815	117	56365	18.82	ug/l	97
91) 1,2-Dichlorobenzene	13.595	146	164298	19.41	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.214	75	23563	18.99	ug/l	99
93) 1,2,4-Trichlorobenzene	14.850	180	96109	18.31	ug/l	98
94) Hexachlorobutadiene	14.947	225	55146	19.26	ug/l	98
95) Naphthalene	15.070	128	283664	19.17	ug/l	100
96) 1,2,3-Trichlorobenzene	15.250	180	96837	18.35	ug/l	98

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

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