

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
 Data File : VN066236.D
 Acq On : 17 Mar 2021 16:00
 Operator : JC/MD
 Sample : VN0317WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/18/2021 4:44:30 PM

Quant Time: Mar 18 04:45:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.590	168	277823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	421712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	398518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	198219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	176720	44.15	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 88.30%			
35) Dibromofluoromethane	7.515	113	141070	52.44	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.88%			
50) Toluene-d8	10.028	98	523778	50.35	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.70%			
62) 4-Bromofluorobenzene	12.345	95	189175	50.45	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.90%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	48446	17.72	ug/l	98
3) Chloromethane	2.022	50	75429	16.92	ug/l	100
4) Vinyl Chloride	2.151	62	63958	16.21	ug/l	100
5) Bromomethane	2.518	94	37243	16.50	ug/l	91
6) Chloroethane	2.660	64	36479	15.98	ug/l	99
7) Trichlorofluoromethane	2.969	101	79372	17.18	ug/l	97
8) Diethyl Ether	3.350	74	30993	16.43	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.688	101	40420	16.51	ug/l	98
10) Methyl Iodide	3.875	142	54028	15.59	ug/l	100
11) Tert butyl alcohol	4.715	59	59409	86.95	ug/l	98
12) 1,1-Dichloroethene	3.666	96	40082	15.37	ug/l	96
13) Acrolein	3.537	56	40511	62.53	ug/l	97
14) Allyl chloride	4.237	41	97164	15.72	ug/l	86
15) Acrylonitrile	4.886	53	177922	86.95	ug/l	99
16) Acetone	3.744	43	158157	82.25	ug/l	99
17) Carbon Disulfide	3.972	76	110793	15.04	ug/l	99
18) Methyl Acetate	4.240	43	100464	18.67	ug/l	98
19) Methyl tert-butyl Ether	4.948	73	171707	17.22	ug/l	98
20) Methylene Chloride	4.457	84	50200	16.69	ug/l	99
21) trans-1,2-Dichloroethene	4.937	96	45775	15.84	ug/l	97
22) Diisopropyl ether	5.868	45	228493	18.00	ug/l	98
23) Vinyl Acetate	5.804	43	944520	86.77	ug/l	99
24) 1,1-Dichloroethane	5.747	63	109210	17.26	ug/l	99
25) 2-Butanone	6.750	43	265974	89.05	ug/l	99
26) 2,2-Dichloropropane	6.729	77	95182	18.20	ug/l	100
27) cis-1,2-Dichloroethene	6.740	96	61493	18.46	ug/l	94
28) Bromochloromethane	7.110	49	60021	17.94	ug/l	90
29) Tetrahydrofuran	7.134	42	175624	85.39	ug/l	94
30) Chloroform	7.290	83	110019	19.04	ug/l	95
31) Cyclohexane	7.574	56	97899	16.33	ug/l #	95
32) 1,1,1-Trichloroethane	7.493	97	91432	18.41	ug/l	98
36) 1,1-Dichloropropene	7.713	75	75240	17.62	ug/l	96
37) Ethyl Acetate	6.847	43	109115	17.88	ug/l #	97
38) Carbon Tetrachloride	7.695	117	75885	19.82	ug/l	96
39) Methylcyclohexane	9.014	83	78146	17.04	ug/l	95
40) Benzene	7.965	78	240845	18.79	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	47167	15.67	ug/l #	84
42) 1,2-Dichloroethane	8.049	62	80378	17.28	ug/l	93
43) Isopropyl Acetate	8.094	43	147201	15.60	ug/l #	94
44) Trichloroethene	8.767	130	62932	20.19	ug/l	94
45) 1,2-Dichloropropane	9.052	63	66790	18.00	ug/l	99
46) Dibromomethane	9.140	93	41140	19.90	ug/l	92
47) Bromodichloromethane	9.339	83	82727	18.35	ug/l	99
48) Methyl methacrylate	9.137	41	68403	15.29	ug/l	89
49) 1,4-Dioxane	9.137	88	18294	376.82	ug/l	93
51) 4-Methyl-2-Pentanone	9.923	43	460449	80.72	ug/l	93
52) Toluene	10.092	92	143868	19.36	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	90513	17.76	ug/l	99
54) cis-1,3-Dichloropropene	9.778	75	99506	17.97	ug/l #	88
55) 1,1,2-Trichloroethane	10.503	97	60346	19.83	ug/l	98
56) Ethyl methacrylate	10.371	69	83499	16.86	ug/l #	84
57) 1,3-Dichloropropane	10.647	76	103875	18.92	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.634	63	46182	108.82	ug/l	92
59) 2-Hexanone	10.693	43	321662	73.07	ug/l	92
60) Dibromochloromethane	10.843	129	63975	20.07	ug/l	98
61) 1,2-Dibromoethane	10.948	107	61157	20.18	ug/l	98
64) Tetrachloroethene	10.572	164	70986	21.48	ug/l	96
65) Chlorobenzene	11.374	112	153856	19.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	60321	20.14	ug/l	99
67) Ethyl Benzene	11.455	91	253168	17.85	ug/l	98
68) m/p-Xylenes	11.565	106	201820	38.36	ug/l	90
69) o-Xylene	11.892	106	99661	19.72	ug/l	88
70) Styrene	11.908	104	164636	18.93	ug/l	96
71) Bromoform	12.072	173	48630	20.48	ug/l #	97
73) Isopropylbenzene	12.192	105	248364	17.88	ug/l	96
74) N-amyl acetate	12.015	43	89408	13.25	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.450	83	90424	18.63	ug/l	97
76) 1,2,3-Trichloropropane	12.498	75	84477m	16.50	ug/l	
77) Bromobenzene	12.468	156	73225	20.10	ug/l	81
78) n-propylbenzene	12.535	91	279861	17.52	ug/l	94
79) 2-Chlorotoluene	12.616	91	169994	17.42	ug/l	92
80) 1,3,5-Trimethylbenzene	12.678	105	207623	18.02	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.243	75	25938	15.16	ug/l	90
82) 4-Chlorotoluene	12.718	91	174934	16.80	ug/l	91
83) tert-Butylbenzene	12.938	119	175132	17.42	ug/l	95
84) 1,2,4-Trimethylbenzene	12.983	105	205148	18.21	ug/l	93
85) sec-Butylbenzene	13.115	105	229493	17.81	ug/l	96
86) p-Isopropyltoluene	13.233	119	211901	18.75	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	120158	19.46	ug/l	98
88) 1,4-Dichlorobenzene	13.308	146	120466	18.63	ug/l	98
89) n-Butylbenzene	13.560	91	177417	17.19	ug/l	97
90) Hexachloroethane	13.815	117	31516	15.93	ug/l	90
91) 1,2-Dichlorobenzene	13.595	146	122577	20.15	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.214	75	16421	15.74	ug/l	73
93) 1,2,4-Trichlorobenzene	14.853	180	81279	20.45	ug/l	98
94) Hexachlorobutadiene	14.949	225	40590	21.01	ug/l	97
95) Naphthalene	15.070	128	239616	20.62	ug/l	100
96) 1,2,3-Trichlorobenzene	15.250	180	79721	20.14	ug/l	97

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

