

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031821\
 Data File : VN066248.D
 Acq On : 18 Mar 2021 12:28
 Operator : JC/MD
 Sample : VN0318WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/19/2021 3:33:48 PM

Quant Time: Mar 19 04:23:23 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	7.585	168	281955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	430276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	416068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	202611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	207991	51.20	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.40%			
35) Dibromofluoromethane	7.507	113	148578	54.13	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.26%			
50) Toluene-d8	10.025	98	574601	54.14	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.28%			
62) 4-Bromofluorobenzene	12.345	95	202234	52.86	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	47855	17.25	ug/l	98
3) Chloromethane	2.017	50	75252	16.63	ug/l	100
4) Vinyl Chloride	2.146	62	66239	16.54	ug/l	98
5) Bromomethane	2.516	94	38462	16.79	ug/l	98
6) Chloroethane	2.652	64	38563	16.65	ug/l	99
7) Trichlorofluoromethane	2.964	101	86665	18.49	ug/l	100
8) Diethyl Ether	3.344	74	34352	17.94	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.682	101	45265	18.22	ug/l	99
10) Methyl Iodide	3.870	142	60907	17.32	ug/l	100
11) Tert butyl alcohol	4.715	59	75330	108.64	ug/l	98
12) 1,1-Dichloroethene	3.661	96	44567	16.84	ug/l	98
13) Acrolein	3.529	56	55560	90.39	ug/l	99
14) Allyl chloride	4.229	41	111469	17.77	ug/l	89
15) Acrylonitrile	4.881	53	216358	104.19	ug/l	99
16) Acetone	3.739	43	183815	94.19	ug/l	99
17) Carbon Disulfide	3.964	76	123667	16.54	ug/l	100
18) Methyl Acetate	4.235	43	118821	21.76	ug/l	99
19) Methyl tert-butyl Ether	4.946	73	200784	19.84	ug/l	95
20) Methylene Chloride	4.452	84	55723	18.25	ug/l	91
21) trans-1,2-Dichloroethene	4.927	96	56040	19.11	ug/l	89
22) Diisopropyl ether	5.855	45	252250	19.58	ug/l	96
23) Vinyl Acetate	5.796	43	1054189	95.43	ug/l	98
24) 1,1-Dichloroethane	5.742	63	128666	20.04	ug/l	99
25) 2-Butanone	6.745	43	305622	100.83	ug/l	97
26) 2,2-Dichloropropane	6.726	77	102343m	19.28	ug/l	
27) cis-1,2-Dichloroethene	6.732	96	65777	19.45	ug/l	93
28) Bromochloromethane	7.102	49	64117	18.89	ug/l	92
29) Tetrahydrofuran	7.126	42	204781	98.11	ug/l	97
30) Chloroform	7.284	83	118326	20.18	ug/l	92
31) Cyclohexane	7.566	56	100987	16.60	ug/l	96
32) 1,1,1-Trichloroethane	7.485	97	97839	19.41	ug/l	99
36) 1,1-Dichloropropene	7.711	75	82426	18.92	ug/l	99
37) Ethyl Acetate	6.842	43	119563	19.20	ug/l #	94
38) Carbon Tetrachloride	7.689	117	80557	20.62	ug/l	99
39) Methylcyclohexane	9.011	83	85022	18.17	ug/l	97
40) Benzene	7.960	78	261033	19.96	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	61886m	20.15	ug/l	
42) 1,2-Dichloroethane	8.043	62	100161	21.10	ug/l	99
43) Isopropyl Acetate	8.094	43	191553	19.89	ug/l	99
44) Trichloroethene	8.765	130	64584	20.31	ug/l	99
45) 1,2-Dichloropropane	9.049	63	79665	21.04	ug/l	100
46) Dibromomethane	9.137	93	45878	21.75	ug/l	95
47) Bromodichloromethane	9.336	83	93962	20.43	ug/l #	95
48) Methyl methacrylate	9.135	41	86893	19.03	ug/l	94
49) 1,4-Dioxane	9.137	88	23000	464.32	ug/l	96
51) 4-Methyl-2-Pentanone	9.921	43	601637	103.37	ug/l	96
52) Toluene	10.092	92	157745	20.81	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	101922	19.60	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	115449	20.43	ug/l	91
55) 1,1,2-Trichloroethane	10.503	97	67184	21.63	ug/l	96
56) Ethyl methacrylate	10.368	69	94574	18.48	ug/l	91
57) 1,3-Dichloropropane	10.645	76	116047	20.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	58378	123.75	ug/l	96
59) 2-Hexanone	10.693	43	427274	94.73	ug/l	96
60) Dibromochloromethane	10.840	129	68543	21.07	ug/l	100
61) 1,2-Dibromoethane	10.945	107	65226	21.09	ug/l	97
64) Tetrachloroethene	10.570	164	71414	20.69	ug/l	96
65) Chlorobenzene	11.374	112	165487	19.82	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	65080	20.81	ug/l	100
67) Ethyl Benzene	11.455	91	270735	18.29	ug/l	97
68) m/p-Xylenes	11.565	106	215670	39.26	ug/l	93
69) o-Xylene	11.889	106	101405	19.22	ug/l	93
70) Styrene	11.905	104	174748	19.20	ug/l	97
71) Bromoform	12.069	173	52479	21.16	ug/l #	98
73) Isopropylbenzene	12.192	105	263557	18.56	ug/l	97
74) N-amyl acetate	12.015	43	111373	15.68	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.447	83	102835	20.72	ug/l	99
76) 1,2,3-Trichloropropane	12.495	75	100118m	19.13	ug/l	
77) Bromobenzene	12.466	156	78072	20.96	ug/l	89
78) n-propylbenzene	12.533	91	306252	18.75	ug/l	96
79) 2-Chlorotoluene	12.616	91	193099	19.36	ug/l	96
80) 1,3,5-Trimethylbenzene	12.678	105	223896	19.01	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	29805	17.05	ug/l	97
82) 4-Chlorotoluene	12.715	91	199381	18.68	ug/l	97
83) tert-Butylbenzene	12.938	119	179868	17.51	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	216143	18.77	ug/l	97
85) sec-Butylbenzene	13.115	105	243946	18.52	ug/l	98
86) p-Isopropyltoluene	13.233	119	213990	18.52	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	128760	20.40	ug/l	98
88) 1,4-Dichlorobenzene	13.305	146	133037	20.13	ug/l	96
89) n-Butylbenzene	13.557	91	183835	17.39	ug/l	98
90) Hexachloroethane	13.815	117	38231	18.90	ug/l	97
91) 1,2-Dichlorobenzene	13.595	146	129405	20.81	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.212	75	20893	19.39	ug/l	97
93) 1,2,4-Trichlorobenzene	14.850	180	76586	18.85	ug/l	99
94) Hexachlorobutadiene	14.949	225	38221	19.35	ug/l	98
95) Naphthalene	15.070	128	224248	18.87	ug/l	99
96) 1,2,3-Trichlorobenzene	15.250	180	75724	18.72	ug/l	98

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

