

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066185.D
 Acq On : 12 Mar 2021 15:59
 Operator : JC/MD
 Sample : VN0312WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:41:27 PM

Quant Time: Mar 13 02:40:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	369712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	587116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	538006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	241702	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	304739	51.09	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.18%			
35) Dibromofluoromethane	7.507	113	203192	51.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.58%			
50) Toluene-d8	10.028	98	792569	49.40	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.80%			
62) 4-Bromofluorobenzene	12.342	95	269827	45.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.44%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.818	85	68232	17.18	ug/l	95
3) Chloromethane	2.017	50	107932	17.00	ug/l	96
4) Vinyl Chloride	2.148	62	94999	17.40	ug/l	98
5) Bromomethane	2.521	94	53971	16.98	ug/l	95
6) Chloroethane	2.658	64	52646	16.62	ug/l	97
7) Trichlorofluoromethane	2.966	101	113744	17.78	ug/l	99
8) Diethyl Ether	3.344	74	42166	16.65	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.680	101	65801	19.98	ug/l	99
10) Methyl Iodide	3.867	142	83489	19.15	ug/l #	94
11) Tert butyl alcohol	4.712	59	84157	91.96	ug/l #	90
12) 1,1-Dichloroethene	3.658	96	66336	19.33	ug/l	98
13) Acrolein	3.535	56	90497	82.90	ug/l	99
14) Allyl chloride	4.229	41	189272	20.53	ug/l	98
15) Acrylonitrile	4.884	53	268815	99.49	ug/l	99
16) Acetone	3.739	43	292104	111.20	ug/l	97
17) Carbon Disulfide	3.969	76	196830	19.01	ug/l	99
18) Methyl Acetate	4.240	43	151509	20.60	ug/l	97
19) Methyl tert-butyl Ether	4.943	73	271079	20.16	ug/l	95
20) Methylene Chloride	4.455	84	84640	19.14	ug/l	94
21) trans-1,2-Dichloroethene	4.937	96	75414	19.36	ug/l	97
22) Diisopropyl ether	5.857	45	356144	19.74	ug/l	94
23) Vinyl Acetate	5.796	43	1490725	99.57	ug/l	100
24) 1,1-Dichloroethane	5.747	63	172427	19.59	ug/l	99
25) 2-Butanone	6.742	43	421809	93.77	ug/l	96
26) 2,2-Dichloropropane	6.724	77	145318	18.88	ug/l	99
27) cis-1,2-Dichloroethene	6.726	96	88431	18.62	ug/l	98
28) Bromochloromethane	7.102	49	91910	18.60	ug/l	97
29) Tetrahydrofuran	7.126	42	269325	89.99	ug/l	99
30) Chloroform	7.287	83	156675	18.59	ug/l	98
31) Cyclohexane	7.571	56	157977	18.05	ug/l	97
32) 1,1,1-Trichloroethane	7.485	97	135449	18.85	ug/l	99
36) 1,1-Dichloropropene	7.708	75	114832	18.51	ug/l	100
37) Ethyl Acetate	6.839	43	166913	19.29	ug/l	99
38) Carbon Tetrachloride	7.689	117	107669	18.61	ug/l	97
39) Methylcyclohexane	9.011	83	128305	17.83	ug/l	96
40) Benzene	7.963	78	353480	18.83	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	77582	16.84	ug/l	93
42) 1,2-Dichloroethane	8.046	62	135176	18.74	ug/l	98
43) Isopropyl Acetate	8.091	43	268867	18.42	ug/l	100
44) Trichloroethene	8.765	130	84438	18.45	ug/l	97
45) 1,2-Dichloropropane	9.046	63	105294	18.16	ug/l	97
46) Dibromomethane	9.140	93	57271	17.87	ug/l	100
47) Bromodichloromethane	9.336	83	123476	17.81	ug/l	99
48) Methyl methacrylate	9.135	41	121318	17.61	ug/l	99
49) 1,4-Dioxane	9.137	88	25179	341.66	ug/l	97
51) 4-Methyl-2-Pentanone	9.920	43	820506	92.92	ug/l	99
52) Toluene	10.092	92	203133	17.97	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	138668	17.68	ug/l	99
54) cis-1,3-Dichloropropene	9.773	75	151557	17.83	ug/l	98
55) 1,1,2-Trichloroethane	10.500	97	82932	17.88	ug/l	98
56) Ethyl methacrylate	10.371	69	127875	16.83	ug/l	99
57) 1,3-Dichloropropane	10.647	76	147484	17.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	175764	81.34	ug/l	99
59) 2-Hexanone	10.693	43	579941	78.39	ug/l	99
60) Dibromochloromethane	10.843	129	84342	17.54	ug/l	97
61) 1,2-Dibromoethane	10.945	107	81487	17.39	ug/l	99
64) Tetrachloroethene	10.569	164	91022	19.53	ug/l	95
65) Chlorobenzene	11.374	112	207448	18.81	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.446	131	79497	18.64	ug/l	99
67) Ethyl Benzene	11.452	91	370814	18.52	ug/l	100
68) m/p-Xylenes	11.565	106	275345	37.08	ug/l	99
69) o-Xylene	11.889	106	130883	18.15	ug/l	99
70) Styrene	11.905	104	216580	17.98	ug/l	99
71) Bromoform	12.069	173	60712	18.44	ug/l #	100
73) Isopropylbenzene	12.192	105	348131	19.09	ug/l	99
74) N-amyl acetate	12.015	43	142501	17.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	123390	18.70	ug/l	99
76) 1,2,3-Trichloropropane	12.495	75	109375m	19.20	ug/l	
77) Bromobenzene	12.466	156	85519	18.72	ug/l	100
78) n-propylbenzene	12.535	91	405529	19.27	ug/l	100
79) 2-Chlorotoluene	12.616	91	247614	18.77	ug/l	100
80) 1,3,5-Trimethylbenzene	12.675	105	293885	19.32	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	36624	16.93	ug/l	98
82) 4-Chlorotoluene	12.715	91	249493	19.17	ug/l	100
83) tert-Butylbenzene	12.935	119	241871	18.86	ug/l	97
84) 1,2,4-Trimethylbenzene	12.983	105	287291	19.07	ug/l	99
85) sec-Butylbenzene	13.115	105	327850	19.15	ug/l	99
86) p-Isopropyltoluene	13.233	119	284015	18.82	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	150584	19.05	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	152623	18.82	ug/l	97
89) n-Butylbenzene	13.557	91	246780	18.33	ug/l	99
90) Hexachloroethane	13.815	117	41048	16.94	ug/l	92
91) 1,2-Dichlorobenzene	13.597	146	152398	19.58	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.214	75	23849	17.50	ug/l	90
93) 1,2,4-Trichlorobenzene	14.850	180	87869	18.89	ug/l	99
94) Hexachlorobutadiene	14.949	225	51158	19.09	ug/l	97
95) Naphthalene	15.070	128	255139	18.43	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	93454	19.42	ug/l	97

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

