

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031621\
 Data File : VN066216.D
 Acq On : 16 Mar 2021 17:32
 Operator : JC/MD
 Sample : VN0316WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:24:49 PM

Quant Time: Mar 17 05:23:10 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	7.584	168	296845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	475719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	433286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	203910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	213874	50.01	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.02%			
35) Dibromofluoromethane	7.504	113	144272	47.54	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.08%			
50) Toluene-d8	10.025	98	571927	48.74	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.48%			
62) 4-Bromofluorobenzene	12.342	95	201992	47.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.52%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	54408	18.63	ug/l	97
3) Chloromethane	2.019	50	87297	18.36	ug/l	98
4) Vinyl Chloride	2.148	62	76795	18.22	ug/l	96
5) Bromomethane	2.526	94	46159	19.14	ug/l	94
6) Chloroethane	2.658	64	43741	17.94	ug/l	96
7) Trichlorofluoromethane	2.966	101	94018	19.05	ug/l	97
8) Diethyl Ether	3.344	74	36233	17.97	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.682	101	50611	19.35	ug/l	99
10) Methyl Iodide	3.870	142	58924	15.92	ug/l	99
11) Tert butyl alcohol	4.707	59	69548	95.27	ug/l #	84
12) 1,1-Dichloroethene	3.663	96	50528	18.13	ug/l	95
13) Acrolein	3.532	56	51491	77.56	ug/l	99
14) Allyl chloride	4.229	41	124194	18.81	ug/l	93
15) Acrylonitrile	4.881	53	211815	96.88	ug/l	100
16) Acetone	3.738	43	191268	93.10	ug/l	98
17) Carbon Disulfide	3.969	76	148337	18.84	ug/l	99
18) Methyl Acetate	4.237	43	120351	20.93	ug/l	99
19) Methyl tert-butyl Ether	4.943	73	201732	18.93	ug/l	99
20) Methylene Chloride	4.452	84	60099	18.70	ug/l	92
21) trans-1,2-Dichloroethene	4.932	96	56093	18.17	ug/l	97
22) Diisopropyl ether	5.857	45	270671	19.96	ug/l	97
23) Vinyl Acetate	5.795	43	1113236	95.72	ug/l	98
24) 1,1-Dichloroethane	5.742	63	133480	19.74	ug/l	99
25) 2-Butanone	6.745	43	310503	97.30	ug/l	99
26) 2,2-Dichloropropane	6.718	77	108306	19.38	ug/l	97
27) cis-1,2-Dichloroethene	6.734	96	67402	18.93	ug/l	98
28) Bromochloromethane	7.099	49	67937	19.01	ug/l	97
29) Tetrahydrofuran	7.128	42	209817	95.48	ug/l	98
30) Chloroform	7.284	83	118998	19.28	ug/l	94
31) Cyclohexane	7.568	56	116928	18.25	ug/l	97
32) 1,1,1-Trichloroethane	7.482	97	100440	18.93	ug/l	100
36) 1,1-Dichloropropene	7.705	75	88625	18.40	ug/l	100
37) Ethyl Acetate	6.841	43	122619	17.81	ug/l	98
38) Carbon Tetrachloride	7.686	117	83849	19.42	ug/l	99
39) Methylcyclohexane	9.008	83	95762	18.51	ug/l	99
40) Benzene	7.960	78	265358	18.35	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.077	41	64567	19.01	ug/l	97
42) 1,2-Dichloroethane	8.046	62	103413	19.71	ug/l	99
43) Isopropyl Acetate	8.091	43	203159	19.08	ug/l	100
44) Trichloroethene	8.764	130	65579	18.65	ug/l	96
45) 1,2-Dichloropropane	9.046	63	80770	19.30	ug/l	97
46) Dibromomethane	9.137	93	45120	19.35	ug/l	97
47) Bromodichloromethane	9.336	83	97281	19.13	ug/l	99
48) Methyl methacrylate	9.132	41	94111	18.65	ug/l	96
49) 1,4-Dioxane	9.135	88	19176	350.15	ug/l	98
51) 4-Methyl-2-Pentanone	9.920	43	634763	98.65	ug/l	100
52) Toluene	10.092	92	157105	18.74	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	107605	18.71	ug/l	100
54) cis-1,3-Dichloropropene	9.773	75	116378	18.63	ug/l	99
55) 1,1,2-Trichloroethane	10.500	97	64425	18.76	ug/l	96
56) Ethyl methacrylate	10.371	69	98666	17.56	ug/l	97
57) 1,3-Dichloropropane	10.644	76	115124	18.59	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	36610	90.23	ug/l	100
59) 2-Hexanone	10.693	43	444515	89.22	ug/l	99
60) Dibromochloromethane	10.840	129	69418	19.30	ug/l	95
61) 1,2-Dibromoethane	10.945	107	64267	18.80	ug/l	99
64) Tetrachloroethene	10.569	164	71852	19.99	ug/l	95
65) Chlorobenzene	11.371	112	162027	18.64	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	62151	19.08	ug/l	99
67) Ethyl Benzene	11.452	91	291034	18.87	ug/l	99
68) m/p-Xylenes	11.562	106	216197	37.79	ug/l	95
69) o-Xylene	11.889	106	100616	18.31	ug/l	99
70) Styrene	11.905	104	169790	18.06	ug/l	99
71) Bromoform	12.069	173	48110	18.63	ug/l #	99
73) Isopropylbenzene	12.192	105	267030	18.69	ug/l	99
74) N-amyl acetate	12.015	43	120450	16.69	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.447	83	93964	18.81	ug/l	99
76) 1,2,3-Trichloropropane	12.495	75	89416m	16.98	ug/l	
77) Bromobenzene	12.468	156	69676	18.59	ug/l	97
78) n-propylbenzene	12.533	91	313005	19.04	ug/l	99
79) 2-Chlorotoluene	12.616	91	191569	19.09	ug/l	100
80) 1,3,5-Trimethylbenzene	12.677	105	224292	18.92	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.240	75	31829	18.09	ug/l	98
82) 4-Chlorotoluene	12.715	91	200835	18.70	ug/l	100
83) tert-Butylbenzene	12.935	119	183013	17.70	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	215646	18.61	ug/l	97
85) sec-Butylbenzene	13.115	105	247037	18.64	ug/l	98
86) p-Isopropyltoluene	13.233	119	219679	18.89	ug/l	98
87) 1,3-Dichlorobenzene	13.225	146	120447	18.96	ug/l	98
88) 1,4-Dichlorobenzene	13.305	146	121128	18.21	ug/l	97
89) n-Butylbenzene	13.557	91	195238	18.23	ug/l	99
90) Hexachloroethane	13.815	117	35141	17.26	ug/l	95
91) 1,2-Dichlorobenzene	13.595	146	116086	18.55	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.211	75	19999	18.48	ug/l	95
93) 1,2,4-Trichlorobenzene	14.850	180	82108	20.08	ug/l	98
94) Hexachlorobutadiene	14.949	225	39108	19.68	ug/l	99
95) Naphthalene	15.070	128	229180	19.17	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	79320	19.48	ug/l	99

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

