

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031621\
 Data File : VN066217.D
 Acq On : 16 Mar 2021 17:53
 Operator : JC/MD
 Sample : VN0316WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:24:51 PM

Quant Time: Mar 17 05:23:44 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	7.587	168	284967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	449509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	419829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	201831	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	208061	50.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.36%			
35) Dibromofluoromethane	7.512	113	139649	48.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.40%			
50) Toluene-d8	10.028	98	542308	48.91	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.82%			
62) 4-Bromofluorobenzene	12.345	95	193503	48.42	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.84%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	50730	18.09	ug/l	97
3) Chloromethane	2.019	50	83072	18.19	ug/l	97
4) Vinyl Chloride	2.148	62	73180	18.08	ug/l	99
5) Bromomethane	2.526	94	43421	18.75	ug/l	91
6) Chloroethane	2.658	64	42285	18.06	ug/l	96
7) Trichlorofluoromethane	2.969	101	89062	18.80	ug/l	95
8) Diethyl Ether	3.344	74	36389	18.80	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.685	101	47329	18.85	ug/l	98
10) Methyl Iodide	3.875	142	57807	16.27	ug/l	97
11) Tert butyl alcohol	4.720	59	72061	102.82	ug/l	99
12) 1,1-Dichloroethene	3.663	96	48483	18.12	ug/l	97
13) Acrolein	3.537	56	49242	77.20	ug/l	98
14) Allyl chloride	4.235	41	115860	18.28	ug/l #	91
15) Acrylonitrile	4.886	53	209379	99.76	ug/l	99
16) Acetone	3.741	43	187472	95.05	ug/l	98
17) Carbon Disulfide	3.972	76	136416	18.05	ug/l	99
18) Methyl Acetate	4.240	43	119212	21.60	ug/l	99
19) Methyl tert-butyl Ether	4.953	73	197484	19.31	ug/l	94
20) Methylene Chloride	4.463	84	57815	18.74	ug/l	96
21) trans-1,2-Dichloroethene	4.935	96	53430	18.02	ug/l	97
22) Diisopropyl ether	5.865	45	256322	19.69	ug/l	99
23) Vinyl Acetate	5.804	43	1074253	96.22	ug/l	99
24) 1,1-Dichloroethane	5.750	63	123512	19.03	ug/l	99
25) 2-Butanone	6.750	43	306513	100.06	ug/l	96
26) 2,2-Dichloropropane	6.732	77	100949	18.82	ug/l	100
27) cis-1,2-Dichloroethene	6.734	96	64851	18.98	ug/l	98
28) Bromochloromethane	7.107	49	62708	18.28	ug/l	94
29) Tetrahydrofuran	7.131	42	214013	101.45	ug/l	99
30) Chloroform	7.289	83	114184	19.27	ug/l	97
31) Cyclohexane	7.571	56	109168	17.75	ug/l	95
32) 1,1,1-Trichloroethane	7.488	97	95197	18.69	ug/l	97
36) 1,1-Dichloropropene	7.710	75	82938	18.22	ug/l	99
37) Ethyl Acetate	6.842	43	124668	19.16	ug/l #	95
38) Carbon Tetrachloride	7.694	117	76875	18.84	ug/l	96
39) Methylcyclohexane	9.011	83	88837	18.17	ug/l	97
40) Benzene	7.965	78	255970	18.73	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	68203m	21.26	ug/l	
42) 1,2-Dichloroethane	8.048	62	96244	19.41	ug/l	98
43) Isopropyl Acetate	8.097	43	196018	19.48	ug/l	98
44) Trichloroethene	8.767	130	61194	18.42	ug/l	98
45) 1,2-Dichloropropane	9.054	63	77845	19.68	ug/l	98
46) Dibromomethane	9.140	93	42444	19.26	ug/l	97
47) Bromodichloromethane	9.338	83	90919	18.92	ug/l	98
48) Methyl methacrylate	9.137	41	90724	19.02	ug/l	97
49) 1,4-Dioxane	9.135	88	19090	368.90	ug/l	99
51) 4-Methyl-2-Pentanone	9.923	43	622270	102.35	ug/l	99
52) Toluene	10.092	92	150659	19.02	ug/l	99
53) t-1,3-Dichloropropene	10.323	75	102813	18.92	ug/l	95
54) cis-1,3-Dichloropropene	9.776	75	112360	19.04	ug/l	98
55) 1,1,2-Trichloroethane	10.502	97	62713	19.33	ug/l	96
56) Ethyl methacrylate	10.371	69	94027	17.69	ug/l	98
57) 1,3-Dichloropropane	10.647	76	109737	18.75	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.631	63	35372	91.22	ug/l	98
59) 2-Hexanone	10.693	43	444866	94.42	ug/l	100
60) Dibromochloromethane	10.843	129	64154	18.88	ug/l	98
61) 1,2-Dibromoethane	10.948	107	63217	19.57	ug/l	100
64) Tetrachloroethene	10.572	164	65497	18.81	ug/l	96
65) Chlorobenzene	11.374	112	157180	18.66	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	59093	18.73	ug/l	99
67) Ethyl Benzene	11.455	91	276648	18.52	ug/l	98
68) m/p-Xylenes	11.564	106	207262	37.39	ug/l	97
69) o-Xylene	11.892	106	97125	18.24	ug/l	96
70) Styrene	11.908	104	166308	18.24	ug/l	98
71) Bromoform	12.069	173	47471	18.97	ug/l #	98
73) Isopropylbenzene	12.192	105	261023	18.45	ug/l	99
74) N-amyl acetate	12.015	43	121092	16.91	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	96673	19.56	ug/l	98
76) 1,2,3-Trichloropropane	12.498	75	91968m	17.65	ug/l	
77) Bromobenzene	12.468	156	69348	18.69	ug/l	94
78) n-propylbenzene	12.535	91	306631	18.85	ug/l	99
79) 2-Chlorotoluene	12.618	91	186766	18.80	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	219921	18.74	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	29713	17.06	ug/l	96
82) 4-Chlorotoluene	12.718	91	192980	18.17	ug/l	100
83) tert-Butylbenzene	12.938	119	181168	17.70	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	215019	18.74	ug/l	98
85) sec-Butylbenzene	13.115	105	241486	18.40	ug/l	99
86) p-Isopropyltoluene	13.233	119	215780	18.75	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	117346	18.66	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	120427	18.29	ug/l	99
89) n-Butylbenzene	13.560	91	195569	18.42	ug/l	99
90) Hexachloroethane	13.815	117	32933	16.34	ug/l	95
91) 1,2-Dichlorobenzene	13.597	146	116580	18.82	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.212	75	20951	19.51	ug/l	98
93) 1,2,4-Trichlorobenzene	14.850	180	81236	20.07	ug/l	98
94) Hexachlorobutadiene	14.949	225	38608	19.63	ug/l	99
95) Naphthalene	15.070	128	246087	20.79	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	78080	19.37	ug/l	99

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

