

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066187.D
 Acq On : 12 Mar 2021 17:28
 Operator : JC/MD
 Sample : VN0312WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:41:29 PM

Quant Time: Mar 13 02:41:41 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	7.587	168	360242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	580142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	531314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	235526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	303634	52.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.48%			
35) Dibromofluoromethane	7.509	113	206618	52.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.58%			
50) Toluene-d8	10.028	98	809656	51.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.14%			
62) 4-Bromofluorobenzene	12.345	95	275510	47.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	71841	18.57	ug/l	99
3) Chloromethane	2.022	50	117353	19.02	ug/l	99
4) Vinyl Chloride	2.148	62	100077	18.81	ug/l	99
5) Bromomethane	2.521	94	55217	17.83	ug/l	96
6) Chloroethane	2.658	64	56537	18.32	ug/l	96
7) Trichlorofluoromethane	2.969	101	133062	21.34	ug/l	98
8) Diethyl Ether	3.344	74	51698	20.95	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.682	101	67380	20.99	ug/l #	88
10) Methyl Iodide	3.875	142	88321	20.79	ug/l	98
11) Tert butyl alcohol	4.699	59	94667	106.16	ug/l #	89
12) 1,1-Dichloroethene	3.663	96	68491	20.48	ug/l	98
13) Acrolein	3.535	56	96331	91.52	ug/l	98
14) Allyl chloride	4.232	41	176951	19.69	ug/l	95
15) Acrylonitrile	4.886	53	291324	110.66	ug/l	99
16) Acetone	3.741	43	294680	115.43	ug/l	100
17) Carbon Disulfide	3.969	76	209474	20.76	ug/l	99
18) Methyl Acetate	4.240	43	166777	23.27	ug/l	100
19) Methyl tert-butyl Ether	4.948	73	283416	21.63	ug/l	98
20) Methylene Chloride	4.457	84	98264	22.81	ug/l	93
21) trans-1,2-Dichloroethene	4.937	96	81172	21.39	ug/l	95
22) Diisopropyl ether	5.857	45	380040	21.62	ug/l	94
23) Vinyl Acetate	5.798	43	1577601	108.14	ug/l	99
24) 1,1-Dichloroethane	5.747	63	184481	21.51	ug/l	99
25) 2-Butanone	6.745	43	445230	101.58	ug/l	100
26) 2,2-Dichloropropane	6.729	77	147820	19.71	ug/l	77
27) cis-1,2-Dichloroethene	6.731	96	94213	20.36	ug/l	98
28) Bromochloromethane	7.107	49	88283	18.34	ug/l	100
29) Tetrahydrofuran	7.126	42	296281	101.60	ug/l	99
30) Chloroform	7.287	83	165303	20.13	ug/l	100
31) Cyclohexane	7.571	56	167044	19.58	ug/l	96
32) 1,1,1-Trichloroethane	7.488	97	140451	20.06	ug/l	100
36) 1,1-Dichloropropene	7.710	75	121513	19.82	ug/l	99
37) Ethyl Acetate	6.841	43	178305	20.85	ug/l	100
38) Carbon Tetrachloride	7.692	117	110810	19.38	ug/l	96
39) Methylcyclohexane	9.014	83	136107	19.15	ug/l	97
40) Benzene	7.965	78	375565	20.25	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	89846	19.73	ug/l	98
42) 1,2-Dichloroethane	8.048	62	142371	19.97	ug/l	98
43) Isopropyl Acetate	8.091	43	288810	20.03	ug/l	99
44) Trichloroethene	8.770	130	89373	19.77	ug/l	98
45) 1,2-Dichloropropane	9.049	63	111911	19.53	ug/l	99
46) Dibromomethane	9.140	93	62271	19.66	ug/l	99
47) Bromodichloromethane	9.338	83	129756	18.94	ug/l	99
48) Methyl methacrylate	9.135	41	131065	19.25	ug/l	99
49) 1,4-Dioxane	9.135	88	25077	344.37	ug/l	96
51) 4-Methyl-2-Pentanone	9.920	43	893924	102.45	ug/l	99
52) Toluene	10.092	92	216170	19.35	ug/l	99
53) t-1,3-Dichloropropene	10.323	75	146524	18.91	ug/l	98
54) cis-1,3-Dichloropropene	9.776	75	159168	18.95	ug/l	98
55) 1,1,2-Trichloroethane	10.502	97	87921	19.18	ug/l	96
56) Ethyl methacrylate	10.371	69	136805	18.05	ug/l	99
57) 1,3-Dichloropropane	10.647	76	155866	18.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.633	63	176208	82.27	ug/l	99
59) 2-Hexanone	10.693	43	624239	86.34	ug/l	100
60) Dibromochloromethane	10.843	129	89875	18.92	ug/l	98
61) 1,2-Dibromoethane	10.948	107	88129	19.03	ug/l	99
64) Tetrachloroethene	10.572	164	96099	20.88	ug/l	99
65) Chlorobenzene	11.374	112	217002	19.92	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	83611	19.85	ug/l	99
67) Ethyl Benzene	11.452	91	406355	20.55	ug/l	99
68) m/p-Xylenes	11.564	106	287208	39.17	ug/l	98
69) o-Xylene	11.892	106	141950	19.93	ug/l	99
70) Styrene	11.908	104	229222	19.07	ug/l	99
71) Bromoform	12.069	173	62939	19.21	ug/l #	100
73) Isopropylbenzene	12.192	105	371557	20.91	ug/l	100
74) N-amyl acetate	12.015	43	161371	19.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	131969	20.52	ug/l	100
76) 1,2,3-Trichloropropane	12.498	75	117177m	21.11	ug/l	
77) Bromobenzene	12.468	156	92313	20.74	ug/l	98
78) n-propylbenzene	12.535	91	424453	20.70	ug/l	98
79) 2-Chlorotoluene	12.616	91	260968	20.31	ug/l	100
80) 1,3,5-Trimethylbenzene	12.677	105	318045	21.46	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.246	75	38896	18.45	ug/l	93
82) 4-Chlorotoluene	12.715	91	267383	21.09	ug/l	99
83) tert-Butylbenzene	12.938	119	263745	21.11	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	306893	20.90	ug/l	99
85) sec-Butylbenzene	13.115	105	347641	20.84	ug/l	100
86) p-Isopropyltoluene	13.233	119	300450	20.43	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	158426	20.57	ug/l	100
88) 1,4-Dichlorobenzene	13.305	146	161433	20.43	ug/l	98
89) n-Butylbenzene	13.557	91	256286	19.54	ug/l	99
90) Hexachloroethane	13.815	117	44956	19.04	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	160358	21.14	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.211	75	27190	20.48	ug/l	90
93) 1,2,4-Trichlorobenzene	14.850	180	96043	20.85	ug/l	99
94) Hexachlorobutadiene	14.949	225	52309	20.03	ug/l	99
95) Naphthalene	15.070	128	332420	23.95	ug/l	100
96) 1,2,3-Trichlorobenzene	15.249	180	90714	19.35	ug/l	99

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

