

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031621\
 Data File : VN066225.D
 Acq On : 16 Mar 2021 20:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:25:00 PM

Quant Time: Mar 17 05:26:05 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	262013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	405703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	384675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	197889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	192975	51.12	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.24%			
35) Dibromofluoromethane	7.509	113	130451	50.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.80%			
50) Toluene-d8	10.028	98	499194	49.88	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.76%			
62) 4-Bromofluorobenzene	12.345	95	182497	50.59	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.18%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	125843	48.81	ug/l	98
3) Chloromethane	2.017	50	190721	45.90	ug/l	97
4) Vinyl Chloride	2.148	62	175452	47.15	ug/l	99
5) Bromomethane	2.524	94	97718	45.90	ug/l	96
6) Chloroethane	2.658	64	102652	47.69	ug/l	98
7) Trichlorofluoromethane	2.969	101	221477	50.84	ug/l	94
8) Diethyl Ether	3.347	74	84268	47.36	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.688	101	111527	48.32	ug/l	99
10) Methyl Iodide	3.873	142	144741	44.30	ug/l	100
11) Tert butyl alcohol	4.712	59	142193	220.67	ug/l	100
12) 1,1-Dichloroethene	3.663	96	114236	46.44	ug/l	97
13) Acrolein	3.535	56	105967	203.18	ug/l	100
14) Allyl chloride	4.232	41	313350	53.77	ug/l	96
15) Acrylonitrile	4.886	53	484657	251.15	ug/l	100
16) Acetone	3.741	43	415957	229.37	ug/l	98
17) Carbon Disulfide	3.972	76	325298	46.82	ug/l	100
18) Methyl Acetate	4.240	43	266615	52.54	ug/l	100
19) Methyl tert-butyl Ether	4.948	73	483927	51.46	ug/l	100
20) Methylene Chloride	4.457	84	135723	47.84	ug/l	95
21) trans-1,2-Dichloroethene	4.935	96	134193	49.24	ug/l	99
22) Diisopropyl ether	5.860	45	648752	54.19	ug/l	99
23) Vinyl Acetate	5.798	43	2718593	264.83	ug/l	99
24) 1,1-Dichloroethane	5.747	63	309851	51.92	ug/l	100
25) 2-Butanone	6.748	43	717693	254.80	ug/l	99
26) 2,2-Dichloropropane	6.726	77	241160	48.89	ug/l	100
27) cis-1,2-Dichloroethene	6.734	96	160651	51.13	ug/l	97
28) Bromochloromethane	7.107	49	166591	52.81	ug/l	98
29) Tetrahydrofuran	7.129	42	500081	257.82	ug/l	99
30) Chloroform	7.287	83	283885	52.10	ug/l	94
31) Cyclohexane	7.571	56	262607	46.44	ug/l	99
32) 1,1,1-Trichloroethane	7.488	97	245642	52.45	ug/l	99
36) 1,1-Dichloropropene	7.711	75	212245	51.66	ug/l	99
37) Ethyl Acetate	6.844	43	295028	50.24	ug/l	98
38) Carbon Tetrachloride	7.692	117	197802	53.71	ug/l	94
39) Methylcyclohexane	9.014	83	218691	49.57	ug/l	98
40) Benzene	7.963	78	629295	51.03	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	143322	49.49	ug/l	95
42) 1,2-Dichloroethane	8.048	62	249979	55.85	ug/l	100
43) Isopropyl Acetate	8.094	43	483164	53.21	ug/l	99
44) Trichloroethene	8.765	130	154410	51.50	ug/l	94
45) 1,2-Dichloropropane	9.049	63	193496	54.21	ug/l	100
46) Dibromomethane	9.140	93	104867	52.73	ug/l	97
47) Bromodichloromethane	9.336	83	228804	52.76	ug/l	100
48) Methyl methacrylate	9.135	41	230506	53.55	ug/l	99
49) 1,4-Dioxane	9.140	88	40451	866.09	ug/l	97
51) 4-Methyl-2-Pentanone	9.920	43	1507172	274.65	ug/l	99
52) Toluene	10.092	92	371795	52.01	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	263442	53.73	ug/l	98
54) cis-1,3-Dichloropropene	9.776	75	276664	51.93	ug/l	100
55) 1,1,2-Trichloroethane	10.502	97	153800	52.52	ug/l	96
56) Ethyl methacrylate	10.371	69	245275	47.05	ug/l	99
57) 1,3-Dichloropropane	10.647	76	273200	51.72	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.633	63	123549	220.16	ug/l	98
59) 2-Hexanone	10.693	43	1074707	250.48	ug/l	100
60) Dibromochloromethane	10.843	129	160261	52.25	ug/l	99
61) 1,2-Dibromoethane	10.945	107	151896	52.09	ug/l	99
64) Tetrachloroethene	10.570	164	160134	50.19	ug/l	97
65) Chlorobenzene	11.374	112	385128	49.90	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	150511	52.05	ug/l	99
67) Ethyl Benzene	11.452	91	709917	51.86	ug/l	98
68) m/p-Xylenes	11.562	106	524014	103.18	ug/l	99
69) o-Xylene	11.892	106	245534	50.33	ug/l	98
70) Styrene	11.908	104	434620	48.03	ug/l	99
71) Bromoform	12.069	173	118023	51.48	ug/l #	98
73) Isopropylbenzene	12.192	105	664872	47.94	ug/l	98
74) N-amyl acetate	12.015	43	347218	45.31	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	223629	46.14	ug/l	100
76) 1,2,3-Trichloropropane	12.498	75	236351m	46.25	ug/l	
77) Bromobenzene	12.468	156	169585	46.62	ug/l	98
78) n-propylbenzene	12.535	91	804975	50.47	ug/l	99
79) 2-Chlorotoluene	12.616	91	477983	49.07	ug/l	100
80) 1,3,5-Trimethylbenzene	12.678	105	572685	49.78	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	76892	45.03	ug/l	98
82) 4-Chlorotoluene	12.715	91	505022	47.70	ug/l	99
83) tert-Butylbenzene	12.938	119	466125	46.45	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	566219	50.34	ug/l	98
85) sec-Butylbenzene	13.115	105	645405	50.17	ug/l	99
86) p-Isopropyltoluene	13.233	119	581856	51.56	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	308141	49.99	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	312323	48.38	ug/l	98
89) n-Butylbenzene	13.557	91	517542	45.92	ug/l	99
90) Hexachloroethane	13.815	117	94478	47.82	ug/l	96
91) 1,2-Dichlorobenzene	13.595	146	304787	50.19	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.212	75	52019	48.13	ug/l	99
93) 1,2,4-Trichlorobenzene	14.850	180	210948	53.17	ug/l	100
94) Hexachlorobutadiene	14.949	225	98851	51.25	ug/l	100
95) Naphthalene	15.067	128	583068	50.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	207742	52.57	ug/l	99

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

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