

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066362.D
 Acq On : 26 Mar 2021 20:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 3:40:02 PM

Quant Time: Mar 27 01:51:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	460359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	715691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	674206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	310868	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	306843	50.14	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.28%			
35) Dibromofluoromethane	7.507	113	240103	50.61	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.22%			
50) Toluene-d8	10.028	98	930478	51.70	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.40%			
62) 4-Bromofluorobenzene	12.345	95	330788	52.92	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.84%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.815	85	283398	48.87	ug/l	100
3) Chloromethane	2.017	50	319651	52.19	ug/l	100
4) Vinyl Chloride	2.145	62	336829	50.76	ug/l	100
5) Bromomethane	2.505	94	235394	52.88	ug/l	98
6) Chloroethane	2.647	64	215239	52.03	ug/l	97
7) Trichlorofluoromethane	2.961	101	471077	51.62	ug/l	99
8) Diethyl Ether	3.342	74	185711	49.96	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.679	101	261655	50.78	ug/l	98
10) Methyl Iodide	3.867	142	393925	53.89	ug/l	99
11) Tert butyl alcohol	4.712	59	255912	274.20	ug/l #	87
12) 1,1-Dichloroethene	3.655	96	265607	50.34	ug/l	97
13) Acrolein	3.529	56	111258	228.39	ug/l	99
14) Allyl chloride	4.227	41	547044	52.43	ug/l	99
15) Acrylonitrile	4.881	53	664753	255.40	ug/l	99
16) Acetone	3.736	43	738549	223.37	ug/l	100
17) Carbon Disulfide	3.964	76	784002	50.33	ug/l	98
18) Methyl Acetate	4.235	43	452313	52.38	ug/l	100
19) Methyl tert-butyl Ether	4.945	73	777230	49.69	ug/l	99
20) Methylene Chloride	4.449	84	318765	55.18	ug/l	99
21) trans-1,2-Dichloroethene	4.929	96	237403	49.63	ug/l	98
22) Diisopropyl ether	5.857	45	802948	49.32	ug/l	98
23) Vinyl Acetate	5.796	43	3514101	253.56	ug/l	99
24) 1,1-Dichloroethane	5.742	63	447747	49.80	ug/l	100
25) 2-Butanone	6.748	43	884698	244.78	ug/l	98
26) 2,2-Dichloropropane	6.726	77	366269	45.71	ug/l	100
27) cis-1,2-Dichloroethene	6.729	96	275932	49.44	ug/l	98
28) Bromochloromethane	7.104	49	220925	48.76	ug/l	99
29) Tetrahydrofuran	7.128	42	580260	246.05	ug/l	99
30) Chloroform	7.284	83	446383	49.70	ug/l	100
31) Cyclohexane	7.568	56	398407	47.04	ug/l	98
32) 1,1,1-Trichloroethane	7.485	97	392976	49.79	ug/l	99
36) 1,1-Dichloropropene	7.710	75	330690	49.18	ug/l	100
37) Ethyl Acetate	6.841	43	370414	50.05	ug/l	99
38) Carbon Tetrachloride	7.689	117	333040	49.27	ug/l	100
39) Methylcyclohexane	9.011	83	396009	48.32	ug/l	99
40) Benzene	7.963	78	1026050	50.53	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	165794	45.15	ug/l	98
42) 1,2-Dichloroethane	8.048	62	355315	48.85	ug/l	99
43) Isopropyl Acetate	8.094	43	625564	49.46	ug/l	99
44) Trichloroethene	8.764	130	270182	50.59	ug/l	98
45) 1,2-Dichloropropane	9.049	63	271503	50.19	ug/l	97
46) Dibromomethane	9.140	93	180407	50.87	ug/l	99
47) Bromodichloromethane	9.336	83	369256	50.42	ug/l	98
48) Methyl methacrylate	9.135	41	299969	49.84	ug/l	98
49) 1,4-Dioxane	9.135	88	82668	1092.85	ug/l	96
51) 4-Methyl-2-Pentanone	9.920	43	1889288	255.58	ug/l	100
52) Toluene	10.092	92	646093	51.83	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	403089	50.67	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	431337	50.50	ug/l	99
55) 1,1,2-Trichloroethane	10.502	97	255764	51.03	ug/l	99
56) Ethyl methacrylate	10.371	69	400994	52.17	ug/l	98
57) 1,3-Dichloropropane	10.647	76	422027	50.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	404332	454.54	ug/l	100
59) 2-Hexanone	10.693	43	1360357	262.67	ug/l	100
60) Dibromochloromethane	10.843	129	294011	52.83	ug/l	99
61) 1,2-Dibromoethane	10.948	107	269717	51.62	ug/l	99
64) Tetrachloroethene	10.572	164	259505	45.22	ug/l	99
65) Chlorobenzene	11.374	112	684163	50.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	259249	50.09	ug/l	99
67) Ethyl Benzene	11.454	91	1247437	51.13	ug/l	98
68) m/p-Xylenes	11.564	106	942694	101.69	ug/l	98
69) o-Xylene	11.892	106	459271	51.34	ug/l	98
70) Styrene	11.908	104	759736	52.39	ug/l	99
71) Bromoform	12.069	173	228664	53.12	ug/l #	100
73) Isopropylbenzene	12.192	105	1207975	52.24	ug/l	100
74) N-amyl acetate	12.015	43	466355	51.21	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.447	83	376514	51.13	ug/l	96
76) 1,2,3-Trichloropropane	12.498	75	341025m	49.99	ug/l	
77) Bromobenzene	12.468	156	307477	52.66	ug/l	98
78) n-propylbenzene	12.535	91	1337921	53.22	ug/l	100
79) 2-Chlorotoluene	12.618	91	791265	51.18	ug/l	100
80) 1,3,5-Trimethylbenzene	12.677	105	971262	51.35	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	129633	57.15	ug/l	99
82) 4-Chlorotoluene	12.718	91	800246	52.01	ug/l	99
83) tert-Butylbenzene	12.938	119	833015	51.17	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	947528	51.56	ug/l	100
85) sec-Butylbenzene	13.115	105	1110561	52.64	ug/l	100
86) p-Isopropyltoluene	13.233	119	976983	51.72	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	492221	50.24	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	506917	49.83	ug/l	100
89) n-Butylbenzene	13.560	91	809068	51.84	ug/l	100
90) Hexachloroethane	13.817	117	180008	52.83	ug/l	99
91) 1,2-Dichlorobenzene	13.597	146	475196	49.33	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.214	75	69598	49.29	ug/l	98
93) 1,2,4-Trichlorobenzene	14.850	180	294890	49.37	ug/l	100
94) Hexachlorobutadiene	14.949	225	143431	44.02	ug/l	100
95) Naphthalene	15.070	128	861382	49.43	ug/l	100
96) 1,2,3-Trichlorobenzene	15.249	180	286604	47.73	ug/l	100

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

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