

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066364.D
 Acq On : 29 Mar 2021 9:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:50:36 PM

Quant Time: Mar 30 01:30:08 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	7.582	168	468923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	717265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	662846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	328407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	312616	50.15	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.30%			
35) Dibromofluoromethane	7.504	113	240288	50.53	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.06%			
50) Toluene-d8	10.025	98	932076	51.68	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.36%			
62) 4-Bromofluorobenzene	12.342	95	335429	53.54	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.08%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.815	85	305161	51.67	ug/l	100
3) Chloromethane	2.017	50	323710	51.88	ug/l	99
4) Vinyl Chloride	2.143	62	350910	51.91	ug/l	100
5) Bromomethane	2.505	94	244069	53.83	ug/l	99
6) Chloroethane	2.644	64	220977	52.44	ug/l	99
7) Trichlorofluoromethane	2.958	101	491687	52.89	ug/l	100
8) Diethyl Ether	3.339	74	196742	51.96	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.677	101	277634	52.90	ug/l	98
10) Methyl Iodide	3.864	142	392630	52.73	ug/l	99
11) Tert butyl alcohol	4.704	59	286726	301.60	ug/l #	86
12) 1,1-Dichloroethene	3.655	96	277404	51.61	ug/l	99
13) Acrolein	3.527	56	134129	277.98	ug/l	99
14) Allyl chloride	4.224	41	582088	54.77	ug/l	99
15) Acrylonitrile	4.876	53	693673	261.65	ug/l	99
16) Acetone	3.733	43	899651	267.12	ug/l	100
17) Carbon Disulfide	3.961	76	819878	51.67	ug/l	100
18) Methyl Acetate	4.232	43	484769	55.11	ug/l	100
19) Methyl tert-butyl Ether	4.943	73	788109	49.46	ug/l	99
20) Methylene Chloride	4.446	84	319144	54.21	ug/l	97
21) trans-1,2-Dichloroethene	4.924	96	239618	49.17	ug/l	97
22) Diisopropyl ether	5.854	45	835888	50.41	ug/l	99
23) Vinyl Acetate	5.793	43	3655465	258.94	ug/l	98
24) 1,1-Dichloroethane	5.739	63	458577	50.08	ug/l	99
25) 2-Butanone	6.742	43	961273	261.11	ug/l	99
26) 2,2-Dichloropropane	6.721	77	404317	49.54	ug/l	100
27) cis-1,2-Dichloroethene	6.726	96	283101	49.80	ug/l	99
28) Bromochloromethane	7.099	49	227194	49.23	ug/l	99
29) Tetrahydrofuran	7.126	42	622182	259.01	ug/l	99
30) Chloroform	7.281	83	460559	50.34	ug/l	100
31) Cyclohexane	7.563	56	409661	47.48	ug/l	98
32) 1,1,1-Trichloroethane	7.482	97	399179	49.65	ug/l	99
36) 1,1-Dichloropropene	7.705	75	339396	50.37	ug/l	99
37) Ethyl Acetate	6.839	43	392957	52.98	ug/l	99
38) Carbon Tetrachloride	7.686	117	339372	50.10	ug/l	99
39) Methylcyclohexane	9.008	83	415209	50.55	ug/l	98
40) Benzene	7.957	78	1042045	51.20	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.077	41	190577	51.79	ug/l	93
42) 1,2-Dichloroethane	8.043	62	367192	50.37	ug/l	100
43) Isopropyl Acetate	8.091	43	662707	52.28	ug/l	99
44) Trichloroethene	8.762	130	268784	50.21	ug/l	99
45) 1,2-Dichloropropane	9.046	63	278874	51.44	ug/l	97
46) Dibromomethane	9.137	93	182279	51.28	ug/l	98
47) Bromodichloromethane	9.333	83	377722	51.47	ug/l	98
48) Methyl methacrylate	9.132	41	310827	51.53	ug/l	99
49) 1,4-Dioxane	9.135	88	82373	1086.56	ug/l	99
51) 4-Methyl-2-Pentanone	9.920	43	1980255	267.30	ug/l	100
52) Toluene	10.089	92	645361	51.66	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	420324	52.72	ug/l	100
54) cis-1,3-Dichloropropene	9.773	75	443813	51.84	ug/l	100
55) 1,1,2-Trichloroethane	10.500	97	262317	52.22	ug/l	99
56) Ethyl methacrylate	10.368	69	405397	52.62	ug/l	98
57) 1,3-Dichloropropane	10.644	76	436810	52.41	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	282979	325.14	ug/l	99
59) 2-Hexanone	10.693	43	1432559	276.01	ug/l	100
60) Dibromochloromethane	10.840	129	296309	53.13	ug/l	99
61) 1,2-Dibromoethane	10.945	107	276963	52.89	ug/l	99
64) Tetrachloroethene	10.569	164	266239	47.19	ug/l	98
65) Chlorobenzene	11.374	112	681258	51.56	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	259306	50.96	ug/l	99
67) Ethyl Benzene	11.452	91	1247023	51.98	ug/l	99
68) m/p-Xylenes	11.564	106	945102	103.69	ug/l	99
69) o-Xylene	11.889	106	456445	51.90	ug/l	100
70) Styrene	11.905	104	759319	53.26	ug/l	99
71) Bromoform	12.069	173	229619	54.26	ug/l #	99
73) Isopropylbenzene	12.192	105	1213312	49.67	ug/l	100
74) N-amyl acetate	12.015	43	483148	50.28	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	388087	49.89	ug/l	96
76) 1,2,3-Trichloropropane	12.495	75	345451m	47.94	ug/l	
77) Bromobenzene	12.468	156	309203	50.13	ug/l	98
78) n-propylbenzene	12.535	91	1379040	51.92	ug/l	99
79) 2-Chlorotoluene	12.616	91	804533	49.26	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	1008064	50.45	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	131781	54.99	ug/l	98
82) 4-Chlorotoluene	12.715	91	828376	50.97	ug/l	99
83) tert-Butylbenzene	12.935	119	854012	49.65	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	984103	50.69	ug/l	100
85) sec-Butylbenzene	13.115	105	1139519	51.13	ug/l	100
86) p-Isopropyltoluene	13.233	119	1035568	51.89	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	532501	51.45	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	542809	50.50	ug/l	100
89) n-Butylbenzene	13.557	91	885593	53.71	ug/l	100
90) Hexachloroethane	13.815	117	182292	50.65	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	521586	51.25	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.214	75	77739	52.12	ug/l	99
93) 1,2,4-Trichlorobenzene	14.850	180	329968	52.29	ug/l	99
94) Hexachlorobutadiene	14.949	225	166508	48.37	ug/l	100
95) Naphthalene	15.070	128	943690	51.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.249	180	315643	49.76	ug/l	98

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

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