

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066413.D
 Acq On : 30 Mar 2021 6:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 3/31/2021 5:51:27 PM

Quant Time: Mar 30 07:11:19 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	385242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	612594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	566435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	281449	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	268050	52.34	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.68%			
35) Dibromofluoromethane	7.504	113	207314	51.05	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.10%			
50) Toluene-d8	10.025	98	783371	50.86	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.72%			
62) 4-Bromofluorobenzene	12.342	95	270052	50.47	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.815	85	249521	51.42	ug/l	99
3) Chloromethane	2.014	50	282230	55.13	ug/l	100
4) Vinyl Chloride	2.143	62	308366	55.53	ug/l	99
5) Bromomethane	2.502	94	206151	55.34	ug/l	100
6) Chloroethane	2.644	64	197514	57.06	ug/l	98
7) Trichlorofluoromethane	2.958	101	414382	54.26	ug/l	99
8) Diethyl Ether	3.339	74	163534	52.57	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.677	101	229730	53.28	ug/l	97
10) Methyl Iodide	3.864	142	327208	53.49	ug/l	99
11) Tert butyl alcohol	4.707	59	208674	267.18	ug/l #	84
12) 1,1-Dichloroethene	3.655	96	231579	52.45	ug/l	97
13) Acrolein	3.527	56	91098	222.57	ug/l	100
14) Allyl chloride	4.227	41	473553	54.24	ug/l	98
15) Acrylonitrile	4.881	53	587944	269.94	ug/l	100
16) Acetone	3.736	43	708050	255.90	ug/l	98
17) Carbon Disulfide	3.961	76	693766	53.22	ug/l	100
18) Methyl Acetate	4.232	43	431290	59.68	ug/l	99
19) Methyl tert-butyl Ether	4.943	73	649732	49.64	ug/l	98
20) Methylene Chloride	4.449	84	281460	58.30	ug/l	97
21) trans-1,2-Dichloroethene	4.927	96	201864	50.42	ug/l	98
22) Diisopropyl ether	5.857	45	722942	53.07	ug/l	98
23) Vinyl Acetate	5.793	43	3125333	269.48	ug/l	100
24) 1,1-Dichloroethane	5.739	63	394643	52.46	ug/l	99
25) 2-Butanone	6.745	43	821096	271.48	ug/l	99
26) 2,2-Dichloropropane	6.721	77	243351	36.29	ug/l	97
27) cis-1,2-Dichloroethene	6.729	96	237237	50.80	ug/l	97
28) Bromochloromethane	7.102	49	203826	53.76	ug/l	97
29) Tetrahydrofuran	7.126	42	554777	281.12	ug/l	99
30) Chloroform	7.284	83	399053	53.09	ug/l	100
31) Cyclohexane	7.568	56	352494	49.73	ug/l	96
32) 1,1,1-Trichloroethane	7.482	97	342890	51.92	ug/l	99
36) 1,1-Dichloropropene	7.708	75	287933	50.03	ug/l	99
37) Ethyl Acetate	6.841	43	342637	54.09	ug/l	99
38) Carbon Tetrachloride	7.689	117	288450	49.85	ug/l	100
39) Methylcyclohexane	9.011	83	345363	49.23	ug/l	100
40) Benzene	7.960	78	912831	52.52	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.077	41	158959	50.58	ug/l	96
42) 1,2-Dichloroethane	8.046	62	317707	51.03	ug/l	99
43) Isopropyl Acetate	8.091	43	566557	52.33	ug/l	99
44) Trichloroethene	8.764	130	222817	48.74	ug/l	99
45) 1,2-Dichloropropane	9.049	63	248222	53.61	ug/l	96
46) Dibromomethane	9.137	93	161042	53.05	ug/l	98
47) Bromodichloromethane	9.336	83	325419	51.92	ug/l	97
48) Methyl methacrylate	9.135	41	270404	52.49	ug/l	97
49) 1,4-Dioxane	9.135	88	69435	1072.40	ug/l	98
51) 4-Methyl-2-Pentanone	9.920	43	1762303	278.52	ug/l	100
52) Toluene	10.092	92	557329	52.23	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	338035	49.65	ug/l	100
54) cis-1,3-Dichloropropene	9.776	75	367345	50.24	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	229947	53.60	ug/l	98
56) Ethyl methacrylate	10.371	69	348818	53.02	ug/l	97
57) 1,3-Dichloropropane	10.645	76	379092	53.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	260851	348.90	ug/l	99
59) 2-Hexanone	10.693	43	1265765	285.54	ug/l	100
60) Dibromochloromethane	10.840	129	251884	52.88	ug/l	100
61) 1,2-Dibromoethane	10.945	107	235857	52.73	ug/l	100
64) Tetrachloroethene	10.569	164	200262	41.54	ug/l	98
65) Chlorobenzene	11.374	112	574798	50.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	225945	51.96	ug/l	100
67) Ethyl Benzene	11.452	91	1064808	51.94	ug/l	100
68) m/p-Xylenes	11.562	106	794736	102.04	ug/l	99
69) o-Xylene	11.889	106	379437	50.49	ug/l	100
70) Styrene	11.905	104	640297	52.55	ug/l	99
71) Bromoform	12.069	173	188327	52.07	ug/l #	100
73) Isopropylbenzene	12.192	105	1017621	48.61	ug/l	100
74) N-amyl acetate	12.015	43	391133	47.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	346062	51.91	ug/l	97
76) 1,2,3-Trichloropropane	12.495	75	296146m	47.95	ug/l	
77) Bromobenzene	12.466	156	257655	48.74	ug/l	99
78) n-propylbenzene	12.535	91	1148922	50.48	ug/l	99
79) 2-Chlorotoluene	12.616	91	673301	48.10	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	839153	49.01	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	98217	47.83	ug/l	99
82) 4-Chlorotoluene	12.715	91	687262	49.34	ug/l	99
83) tert-Butylbenzene	12.935	119	708107	48.04	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	824519	49.56	ug/l	100
85) sec-Butylbenzene	13.115	105	957662	50.14	ug/l	99
86) p-Isopropyltoluene	13.233	119	845038	49.41	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	441487	49.77	ug/l	100
88) 1,4-Dichlorobenzene	13.305	146	452707	49.15	ug/l	99
89) n-Butylbenzene	13.557	91	700432	49.57	ug/l	100
90) Hexachloroethane	13.815	117	154107	49.96	ug/l	100
91) 1,2-Dichlorobenzene	13.595	146	438453	50.27	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.214	75	67822	53.05	ug/l	97
93) 1,2,4-Trichlorobenzene	14.850	180	263726	48.76	ug/l	99
94) Hexachlorobutadiene	14.949	225	141313	47.90	ug/l	99
95) Naphthalene	15.067	128	766133	48.58	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	263465	48.46	ug/l	100

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

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