

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021752.D
 Acq On : 20 Apr 2021 12:33
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:35:40 PM

Quant Time: Apr 20 13:12:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:07:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	178488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	287257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	270955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	138479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	95985	34.32	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	68.64%#		
35) Dibromofluoromethane	5.464	113	86301	43.18	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.36%		
50) Toluene-d8	8.695	98	338510	47.03	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.06%		
62) 4-Bromofluorobenzene	11.116	95	126622	45.43	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.86%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	87464	45.46	ug/l	100
3) Chloromethane	1.313	50	112263	44.64	ug/l	100
4) Vinyl Chloride	1.392	62	106163	52.55	ug/l	100
5) Bromomethane	1.623	94	45251	54.43	ug/l	98
6) Chloroethane	1.709	64	63555	49.98	ug/l	99
7) Trichlorofluoromethane	1.910	101	140262	44.22	ug/l	98
8) Diethyl Ether	2.166	74	57793	50.76	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.361	101	82538	45.64	ug/l	96
10) Methyl Iodide	2.489	142	55744	44.42	ug/l	99
11) Tert butyl alcohol	3.013	59	109975	227.35	ug/l	100
12) 1,1-Dichloroethene	2.355	96	83727	46.76	ug/l	93
13) Acrolein	2.276	56	85515	290.87	ug/l	97
14) Allyl chloride	2.709	41	134132	38.39	ug/l	96
15) Acrylonitrile	3.117	53	232678	206.93	ug/l	99
16) Acetone	2.422	43	176018	166.39	ug/l	100
17) Carbon Disulfide	2.550	76	237941	47.22	ug/l	98
18) Methyl Acetate	2.751	43	96239	32.04	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	288521	44.08	ug/l	98
20) Methylene Chloride	2.837	84	97603	45.15	ug/l	96
21) trans-1,2-Dichloroethene	3.141	96	93924	47.89	ug/l	96
22) Diisopropyl ether	3.824	45	266621	39.33	ug/l	96
23) Vinyl Acetate	3.782	43	1184088	205.63	ug/l	99
24) 1,1-Dichloroethane	3.666	63	160347	43.14	ug/l	99
25) 2-Butanone	4.629	43	305335	188.36	ug/l	98
26) 2,2-Dichloropropane	4.550	77	146696	45.28	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	108638	47.79	ug/l	95
28) Bromochloromethane	4.977	49	62178	34.14	ug/l	87
29) Tetrahydrofuran	5.086	42	197181	187.63	ug/l	99
30) Chloroform	5.178	83	166875	42.69	ug/l	98
31) Cyclohexane	5.543	56	140149	44.40	ug/l	96
32) 1,1,1-Trichloroethane	5.464	97	150629	43.41	ug/l	97
36) 1,1-Dichloropropene	5.769	75	129264	46.65	ug/l	99
37) Ethyl Acetate	4.794	43	121446	38.81	ug/l	100
38) Carbon Tetrachloride	5.751	117	139435	47.01	ug/l	97
39) Methylcyclohexane	7.439	83	163638	52.47	ug/l	96
40) Benzene	6.110	78	383019	48.52	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	66448	37.04	ug/l	100
42) 1,2-Dichloroethane	6.159	62	126782	38.47	ug/l	98
43) Isopropyl Acetate	6.409	43	207262	40.90	ug/l	99
44) Trichloroethene	7.183	130	113807	53.34	ug/l	98
45) 1,2-Dichloropropane	7.488	63	99852	47.03	ug/l	95
46) Dibromomethane	7.635	93	70959	45.99	ug/l	95
47) Bromodichloromethane	7.872	83	142843	45.62	ug/l	98
48) Methyl methacrylate	7.744	41	103420	38.69	ug/l	98
49) 1,4-Dioxane	7.708	88	50756	1010.03	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	613667	198.75	ug/l	99
52) Toluene	8.762	92	252572	51.43	ug/l	100
53) t-1,3-Dichloropropene	9.018	75	164433	51.11	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	174915	51.11	ug/l	94
55) 1,1,2-Trichloroethane	9.195	97	102638	49.75	ug/l	99
56) Ethyl methacrylate	9.159	69	156416	50.49	ug/l	99
57) 1,3-Dichloropropane	9.348	76	167561	47.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	403293	234.74	ug/l	98
59) 2-Hexanone	9.470	43	467389	201.26	ug/l	98
60) Dibromochloromethane	9.561	129	126736	54.12	ug/l	98
61) 1,2-Dibromoethane	9.653	107	111708	50.43	ug/l	99
64) Tetrachloroethene	9.317	164	104719	56.53	ug/l	96
65) Chlorobenzene	10.116	112	282805	51.82	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	109704	52.46	ug/l	98
67) Ethyl Benzene	10.232	91	488639	49.69	ug/l	98
68) m/p-Xylenes	10.341	106	383076	107.80	ug/l	94
69) o-Xylene	10.683	106	183022	53.23	ug/l	95
70) Styrene	10.695	104	313775	53.09	ug/l	98
71) Bromoform	10.835	173	101388	58.30	ug/l #	99
73) Isopropylbenzene	11.000	105	489815	50.87	ug/l	99
74) N-amyl acetate	10.878	43	187175	41.36	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	152683	45.37	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	127471m	40.42	ug/l	
77) Bromobenzene	11.238	156	128798	53.14	ug/l	90
78) n-propylbenzene	11.341	91	547472	48.48	ug/l	98
79) 2-Chlorotoluene	11.402	91	322488	47.24	ug/l	96
80) 1,3,5-Trimethylbenzene	11.488	105	413998	50.42	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.055	75	59106	55.00	ug/l	90
82) 4-Chlorotoluene	11.494	91	374960	46.39	ug/l	97
83) tert-Butylbenzene	11.750	119	415034	51.48	ug/l	97
84) 1,2,4-Trimethylbenzene	11.786	105	418229	50.48	ug/l	98
85) sec-Butylbenzene	11.927	105	474666	51.36	ug/l	98
86) p-Isopropyltoluene	12.048	119	452988	53.58	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	228750	52.35	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	229172	50.75	ug/l	99
89) n-Butylbenzene	12.372	91	387797	50.47	ug/l	98
90) Hexachloroethane	12.579	117	84610	54.57	ug/l	92
91) 1,2-Dichlorobenzene	12.372	146	219347	51.68	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	33332	43.56	ug/l	91
93) 1,2,4-Trichlorobenzene	13.627	180	158011	56.03	ug/l	100
94) Hexachlorobutadiene	13.762	225	77227	59.55	ug/l	99
95) Naphthalene	13.816	128	484010	53.54	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	153689	54.80	ug/l	99

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

