

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020654.D
 Acq On : 19 Jan 2021 12:01
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/20/2021 5:42:21 PM

Quant Time: Jan 19 12:43:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 12:16:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	212337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	340938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	321022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	164402	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	288109	109.29	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 218.58%#	
35) Dibromofluoromethane	5.464	113	235121	99.24	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 198.48%#	
50) Toluene-d8	8.696	98	860158	101.51	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 203.02%#	
62) 4-Bromofluorobenzene	11.122	95	342591	111.22	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 222.44%#	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	324018	141.98	ug/l	99
3) Chloromethane	1.307	50	297300	140.94	ug/l	100
4) Vinyl Chloride	1.392	62	313408	132.33	ug/l	100
5) Bromomethane	1.624	94	125860	84.80	ug/l	98
6) Chloroethane	1.703	64	185824	135.07	ug/l	99
7) Trichlorofluoromethane	1.910	101	438624	115.12	ug/l	96
8) Diethyl Ether	2.166	74	156042	115.14	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	234861	110.89	ug/l	99
10) Methyl Iodide	2.489	142	334943	114.79	ug/l	97
11) Tert butyl alcohol	3.050	59	256596	512.74	ug/l	99
12) 1,1-Dichloroethene	2.349	96	231636	111.96	ug/l	97
13) Acrolein	2.270	56	165121	487.18	ug/l	100
14) Allyl chloride	2.703	41	351802	120.21	ug/l	98
15) Acrylonitrile	3.111	53	654129	585.18	ug/l	98
16) Acetone	2.416	43	543124	544.51	ug/l	98
17) Carbon Disulfide	2.550	76	659160	114.60	ug/l	100
18) Methyl Acetate	2.745	43	256434	110.34	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	792053	117.47	ug/l	99
20) Methylene Chloride	2.831	84	261602	106.13	ug/l	98
21) trans-1,2-Dichloroethene	3.142	96	255912	110.38	ug/l	99
22) Diisopropyl ether	3.825	45	723069	122.48	ug/l	94
23) Vinyl Acetate	3.782	43	3196919	632.70	ug/l	99
24) 1,1-Dichloroethane	3.666	63	452638	115.74	ug/l	99
25) 2-Butanone	4.635	43	852275	594.25	ug/l	99
26) 2,2-Dichloropropane	4.550	77	389805	108.82	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	288269	111.13	ug/l	99
28) Bromochloromethane	4.977	49	181620	114.38	ug/l	98
29) Tetrahydrofuran	5.086	42	539581	617.69	ug/l	99
30) Chloroform	5.172	83	467975	108.32	ug/l	97
31) Cyclohexane	5.550	56	391997	124.35	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	421351	108.85	ug/l	100
36) 1,1-Dichloropropene	5.763	75	355057	112.03	ug/l	99
37) Ethyl Acetate	4.794	43	331444	114.21	ug/l	99
38) Carbon Tetrachloride	5.751	117	373684	102.44	ug/l	99
39) Methylcyclohexane	7.440	83	427501	118.10	ug/l	99
40) Benzene	6.111	78	1021618	108.01	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	180526	119.48	ug/l	100
42) 1,2-Dichloroethane	6.159	62	380968	111.67	ug/l	98
43) Isopropyl Acetate	6.409	43	527937	117.92	ug/l	100
44) Trichloroethene	7.184	130	277960	99.97	ug/l	96
45) 1,2-Dichloropropane	7.488	63	263342	112.59	ug/l	99
46) Dibromomethane	7.635	93	187487	106.47	ug/l	97
47) Bromodichloromethane	7.873	83	379267	105.89	ug/l	98
48) Methyl methacrylate	7.745	41	267355	122.41	ug/l	99
49) 1,4-Dioxane	7.720	88	121790	2247.15	ug/l	98
51) 4-Methyl-2-Pentanone	8.622	43	1671095	600.38	ug/l	100
52) Toluene	8.763	92	650609	108.61	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	419868	114.74	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	449768	114.26	ug/l	97
55) 1,1,2-Trichloroethane	9.195	97	265582	105.08	ug/l	98
56) Ethyl methacrylate	9.159	69	401377	121.74	ug/l	99
57) 1,3-Dichloropropane	9.354	76	456247	110.22	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.293	63	971678	620.11	ug/l	99
59) 2-Hexanone	9.476	43	1279318	612.57	ug/l	99
60) Dibromochloromethane	9.561	129	298304	105.15	ug/l	99
61) 1,2-Dibromoethane	9.653	107	283707	105.52	ug/l	98
64) Tetrachloroethene	9.317	164	241782	84.63	ug/l	93
65) Chlorobenzene	10.122	112	704965	103.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	271391	103.77	ug/l	98
67) Ethyl Benzene	10.232	91	1249299	109.35	ug/l	100
68) m/p-Xylenes	10.342	106	949165	218.86	ug/l	99
69) o-Xylene	10.683	106	460005	114.05	ug/l	99
70) Styrene	10.695	104	794375	115.89	ug/l	99
71) Bromoform	10.842	173	227361	109.35	ug/l	100
73) Isopropylbenzene	11.000	105	1236653	109.27	ug/l	99
74) N-amyl acetate	10.878	43	477672	133.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	409823	110.47	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	387786m	108.75	ug/l	
77) Bromobenzene	11.238	156	311014	103.66	ug/l	97
78) n-propylbenzene	11.341	91	1440073	114.78	ug/l	99
79) 2-Chlorotoluene	11.402	91	858719	110.75	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	1069692	112.77	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	148917	114.30	ug/l	96
82) 4-Chlorotoluene	11.494	91	1021293	111.24	ug/l	98
83) tert-Butylbenzene	11.756	119	1019549	112.08	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	1087479	115.34	ug/l	99
85) sec-Butylbenzene	11.927	105	1202030	113.40	ug/l	99
86) p-Isopropyltoluene	12.049	119	1130120	115.22	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	574277	104.58	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	553053	98.46	ug/l	97
89) n-Butylbenzene	12.372	91	1006528	117.27	ug/l	99
90) Hexachloroethane	12.579	117	196078	105.87	ug/l	93
91) 1,2-Dichlorobenzene	12.378	146	551984	101.98	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	98553	112.38	ug/l	93
93) 1,2,4-Trichlorobenzene	13.628	180	383745	107.29	ug/l	98
94) Hexachlorobutadiene	13.768	225	168466	87.83	ug/l	99
95) Naphthalene	13.817	128	1255221	118.61	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	367316	100.84	ug/l	96

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

