

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020551.D
 Acq On : 11 Jan 2021 14:35
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 1/12/2021 10:54:22 AM

Quant Time: Jan 11 14:58:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 14:17:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	193156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	295689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	277425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	135406	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	345214	138.65	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 277.30%#			
35) Dibromofluoromethane	5.464	113	304980	160.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 320.24%#			
50) Toluene-d8	8.696	98	1106629	151.90	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 303.80%#			
62) 4-Bromofluorobenzene	11.122	95	418749	154.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 309.50%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	297910	141.59	ug/l	100
3) Chloromethane	1.313	50	265695	113.77	ug/l	99
4) Vinyl Chloride	1.392	62	314401	121.65	ug/l	99
5) Bromomethane	1.636	94	188790	194.93	ug/l	97
6) Chloroethane	1.703	64	115449	72.55	ug/l	100
7) Trichlorofluoromethane	1.910	101	497300	144.23	ug/l	100
8) Diethyl Ether	2.166	74	178362	126.15	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.361	101	281312	144.14	ug/l	95
10) Methyl Iodide	2.489	142	424763	173.19	ug/l	98
11) Tert butyl alcohol	3.093	59	316816m	572.20	ug/l	
12) 1,1-Dichloroethene	2.355	96	285465	144.49	ug/l	91
13) Acrolein	2.276	56	246770	698.02	ug/l	99
14) Allyl chloride	2.703	41	397544	119.18	ug/l	96
15) Acrylonitrile	3.117	53	743696	588.68	ug/l	99
16) Acetone	2.422	43	585226	523.88	ug/l	100
17) Carbon Disulfide	2.550	76	773951	133.89	ug/l	100
18) Methyl Acetate	2.745	43	297683	118.91	ug/l	96
19) Methyl tert-butyl Ether	3.166	73	950036	134.34	ug/l	97
20) Methylene Chloride	2.831	84	311403	121.53	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	313449	133.47	ug/l	96
22) Diisopropyl ether	3.824	45	820809	121.50	ug/l	95
23) Vinyl Acetate	3.788	43	3590734	626.94	ug/l	96
24) 1,1-Dichloroethane	3.666	63	513121	126.41	ug/l	100
25) 2-Butanone	4.641	43	933676	575.26	ug/l	96
26) 2,2-Dichloropropane	4.550	77	485189	141.59	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	355485	135.68	ug/l	94
28) Bromochloromethane	4.983	49	213053	119.61	ug/l	85
29) Tetrahydrofuran	5.093	42	599541	588.26	ug/l	95
30) Chloroform	5.178	83	563548	135.02	ug/l	99
31) Cyclohexane	5.550	56	442475	127.14	ug/l	93
32) 1,1,1-Trichloroethane	5.464	97	521035	146.06	ug/l	98
36) 1,1-Dichloropropene	5.769	75	420145	142.86	ug/l	98
37) Ethyl Acetate	4.794	43	373692	127.55	ug/l	99
38) Carbon Tetrachloride	5.751	117	468455	162.66	ug/l	99
39) Methylcyclohexane	7.440	83	511964	149.43	ug/l	95
40) Benzene	6.111	78	1230206	136.79	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.007	41	197915	127.25	ug/l	96
42) 1,2-Dichloroethane	6.159	62	428712	139.50	ug/l	99
43) Isopropyl Acetate	6.409	43	610807	132.22	ug/l	98
44) Trichloroethene	7.190	130	361649	151.58	ug/l	92
45) 1,2-Dichloropropane	7.488	63	299858	133.46	ug/l	98
46) Dibromomethane	7.635	93	226560	145.14	ug/l	98
47) Bromodichloromethane	7.873	83	460670	153.63	ug/l	99
48) Methyl methacrylate	7.745	41	304522	134.69	ug/l	96
49) 1,4-Dioxane	7.738	88	145199	2705.31	ug/l	94
51) 4-Methyl-2-Pentanone	8.628	43	1825452	637.42	ug/l	97
52) Toluene	8.763	92	797048	144.36	ug/l	98
53) t-1,3-Dichloropropene	9.019	75	508169	156.03	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	540917	151.71	ug/l	96
55) 1,1,2-Trichloroethane	9.195	97	323300	142.64	ug/l	98
56) Ethyl methacrylate	9.159	69	487092	149.74	ug/l	96
57) 1,3-Dichloropropane	9.354	76	530079	138.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.293	63	1113988	650.61	ug/l	95
59) 2-Hexanone	9.476	43	1377459	631.05	ug/l	98
60) Dibromochloromethane	9.567	129	378898	165.25	ug/l	99
61) 1,2-Dibromoethane	9.653	107	353775	149.00	ug/l	99
64) Tetrachloroethene	9.317	164	345227	158.43	ug/l	95
65) Chlorobenzene	10.122	112	874540	147.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	342554	161.03	ug/l	99
67) Ethyl Benzene	10.232	91	1514778	147.62	ug/l	98
68) m/p-Xylenes	10.342	106	1172612	302.78	ug/l	97
69) o-Xylene	10.683	106	515759	140.05	ug/l	98
70) Styrene	10.695	104	892050	143.19	ug/l	100
71) Bromoform	10.842	173	266328	157.80	ug/l #	97
73) Isopropylbenzene	11.000	105	1510462	154.78	ug/l	99
74) N-amyl acetate	10.884	43	493132	129.10	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.256	83	410578	118.97	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	375467m	115.00	ug/l	
77) Bromobenzene	11.238	156	354564	137.71	ug/l	92
78) n-propylbenzene	11.341	91	1569491	139.74	ug/l	98
79) 2-Chlorotoluene	11.402	91	945597	136.43	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	1188249	143.96	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.061	75	176343	160.76	ug/l	93
82) 4-Chlorotoluene	11.494	91	1119726	138.18	ug/l	99
83) tert-Butylbenzene	11.756	119	1254209	157.71	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	1299237	155.31	ug/l	98
85) sec-Butylbenzene	11.933	105	1458138	157.77	ug/l	98
86) p-Isopropyltoluene	12.049	119	1329853	155.99	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	669858	145.35	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	699071	145.71	ug/l	99
89) n-Butylbenzene	12.372	91	1195883	160.85	ug/l	99
90) Hexachloroethane	12.579	117	252780	171.27	ug/l	98
91) 1,2-Dichlorobenzene	12.378	146	656164	143.62	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	112771	155.21	ug/l	95
93) 1,2,4-Trichlorobenzene	13.628	180	464926	155.85	ug/l	99
94) Hexachlorobutadiene	13.762	225	231923	166.87	ug/l	96
95) Naphthalene	13.817	128	1629246	175.28	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	520072	175.69	ug/l	96

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

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