

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011321\
 Data File : VX020599.D
 Acq On : 13 Jan 2021 17:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 10:06:43 AM

Quant Time: Jan 13 18:06:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	182564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	279027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	260019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	137630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	109294	49.84	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.68%		
35) Dibromofluoromethane	5.464	113	94731	49.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.00%		
50) Toluene-d8	8.695	98	341489	49.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.72%		
62) 4-Bromofluorobenzene	11.122	95	125541	51.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.78%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	93253	51.78	ug/l	99
3) Chloromethane	1.312	50	84989	51.00	ug/l	97
4) Vinyl Chloride	1.392	62	98944	51.77	ug/l	100
5) Bromomethane	1.629	94	53590	41.53	ug/l	99
6) Chloroethane	1.709	64	63883	56.27	ug/l	99
7) Trichlorofluoromethane	1.916	101	161110	50.91	ug/l	95
8) Diethyl Ether	2.166	74	56606	50.20	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.367	101	89920	50.64	ug/l	97
10) Methyl Iodide	2.489	142	128125	51.74	ug/l	98
11) Tert butyl alcohol	3.013	59	90527	224.48	ug/l #	73
12) 1,1-Dichloroethene	2.355	96	88702	50.89	ug/l	94
13) Acrolein	2.270	56	68180	224.32	ug/l	99
14) Allyl chloride	2.709	41	118310	48.85	ug/l	95
15) Acrylonitrile	3.111	53	237838	255.44	ug/l	100
16) Acetone	2.416	43	186294	248.59	ug/l	99
17) Carbon Disulfide	2.550	76	231751	48.23	ug/l	100
18) Methyl Acetate	2.745	43	97260	50.07	ug/l	96
19) Methyl tert-butyl Ether	3.166	73	294617	52.11	ug/l	97
20) Methylene Chloride	2.830	84	101287	48.89	ug/l	95
21) trans-1,2-Dichloroethene	3.141	96	97963	50.04	ug/l	96
22) Diisopropyl ether	3.818	45	256282	52.41	ug/l	93
23) Vinyl Acetate	3.781	43	1087821	260.66	ug/l	97
24) 1,1-Dichloroethane	3.666	63	162070	49.91	ug/l	99
25) 2-Butanone	4.629	43	292170	246.53	ug/l	95
26) 2,2-Dichloropropane	4.550	77	143280	47.43	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	111463	51.02	ug/l	94
28) Bromochloromethane	4.976	49	65239	49.34	ug/l	86
29) Tetrahydrofuran	5.086	42	189176	262.06	ug/l	94
30) Chloroform	5.171	83	181030	49.85	ug/l	96
31) Cyclohexane	5.549	56	134751	52.30	ug/l	93
32) 1,1,1-Trichloroethane	5.464	97	163251	49.98	ug/l	98
36) 1,1-Dichloropropene	5.769	75	128115	50.25	ug/l	98
37) Ethyl Acetate	4.787	43	114967	49.65	ug/l	99
38) Carbon Tetrachloride	5.751	117	146433	49.22	ug/l	97
39) Methylcyclohexane	7.439	83	150604	51.72	ug/l	96
40) Benzene	6.110	78	391797	51.13	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	61557	50.79	ug/l	94
42) 1,2-Dichloroethane	6.159	62	138848	50.82	ug/l	99
43) Isopropyl Acetate	6.409	43	182066	50.71	ug/l	98
44) Trichloroethene	7.183	130	113472	49.83	ug/l	97
45) 1,2-Dichloropropane	7.488	63	95667	50.90	ug/l	96
46) Dibromomethane	7.634	93	71568	50.15	ug/l	97
47) Bromodichloromethane	7.872	83	143520	49.26	ug/l	99
48) Methyl methacrylate	7.744	41	92479	52.99	ug/l	96
49) 1,4-Dioxane	7.720	88	46315	1052.74	ug/l	95
51) 4-Methyl-2-Pentanone	8.616	43	578391	259.75	ug/l	98
52) Toluene	8.762	92	251598	51.64	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	149183	50.29	ug/l	98
54) cis-1,3-Dichloropropene	8.415	75	162044	51.00	ug/l	95
55) 1,1,2-Trichloroethane	9.195	97	104621	50.82	ug/l	97
56) Ethyl methacrylate	9.159	69	140864	52.77	ug/l	96
57) 1,3-Dichloropropane	9.354	76	169752	50.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	349564	250.18	ug/l	95
59) 2-Hexanone	9.469	43	434565	260.33	ug/l	98
60) Dibromochloromethane	9.561	129	116336	50.03	ug/l	100
61) 1,2-Dibromoethane	9.652	107	111295	50.67	ug/l	100
64) Tetrachloroethene	9.317	164	112570	47.93	ug/l	98
65) Chlorobenzene	10.122	112	272244	49.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	107402	51.42	ug/l	98
67) Ethyl Benzene	10.232	91	473629	52.57	ug/l	99
68) m/p-Xylenes	10.341	106	362641	104.45	ug/l	100
69) o-Xylene	10.683	106	170563	53.32	ug/l	100
70) Styrene	10.695	104	298060	54.59	ug/l	99
71) Bromoform	10.841	173	84124	49.63	ug/l #	98
73) Isopropylbenzene	11.000	105	464424	50.05	ug/l	100
74) N-amyl acetate	10.878	43	146330	44.80	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	150391	49.76	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	139681m	48.18	ug/l	
77) Bromobenzene	11.237	156	119381	48.02	ug/l	93
78) n-propylbenzene	11.341	91	531526	51.82	ug/l	99
79) 2-Chlorotoluene	11.402	91	316006	49.94	ug/l	96
80) 1,3,5-Trimethylbenzene	11.487	105	405995	52.21	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	47898	45.01	ug/l	99
82) 4-Chlorotoluene	11.494	91	377775	50.31	ug/l	99
83) tert-Butylbenzene	11.756	119	375869	50.33	ug/l	97
84) 1,2,4-Trimethylbenzene	11.792	105	408701	52.58	ug/l	100
85) sec-Butylbenzene	11.926	105	446264	51.21	ug/l	98
86) p-Isopropyltoluene	12.048	119	418253	51.68	ug/l	98
87) 1,3-Dichlorobenzene	12.012	146	216315	47.61	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	225966	48.51	ug/l	99
89) n-Butylbenzene	12.371	91	357935	51.11	ug/l	99
90) Hexachloroethane	12.579	117	70350	46.09	ug/l	96
91) 1,2-Dichlorobenzene	12.371	146	220281	49.10	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	34812	49.06	ug/l	98
93) 1,2,4-Trichlorobenzene	13.627	180	152416	50.96	ug/l	99
94) Hexachlorobutadiene	13.761	225	69506	45.60	ug/l	99
95) Naphthalene	13.816	128	475951	46.99	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	152363	50.09	ug/l	99

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

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