Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012221\
Data File : VX020706.D
Acq On : 22 Jan 2021 11:04
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 23 01:39:30 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 14:09:08 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	249591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	390854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	358468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	184447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	161451	47.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.62%			
35) Dibromofluoromethane	5.464	113	133741	49.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.32%			
50) Toluene-d8	8.696	98	488666	50.33	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.66%			
62) 4-Bromofluorobenzene	11.122	95	188692	51.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	174874	46.09	ug/l	100
3) Chloromethane	1.307	50	142577	41.52	ug/l	100
4) Vinyl Chloride	1.392	62	152566	43.22	ug/l	100
5) Bromomethane	1.636	94	68404	41.65	ug/l	99
6) Chloroethane	1.709	64	87378	41.13	ug/l	100
7) Trichlorofluoromethane	1.916	101	207871	40.75	ug/l	95
8) Diethyl Ether	2.166	74	75459	41.97	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.367	101	133788	48.52	ug/l	98
10) Methyl Iodide	2.489	142	174236	47.18	ug/l	97
11) Tert butyl alcohol	3.038	59	121854	201.36	ug/l	97
12) 1,1-Dichloroethene	2.355	96	125943	47.11	ug/l	98
13) Acrolein	2.270	56	91736	248.62	ug/l	99
14) Allyl chloride	2.709	41	200448	49.74	ug/l	96
15) Acrylonitrile	3.117	53	357387	238.23	ug/l	98
16) Acetone	2.422	43	296995	224.10	ug/l	100
17) Carbon Disulfide	2.550	76	365556	47.84	ug/l	99
18) Methyl Acetate	2.745	43	147606	49.03	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	440714	50.11	ug/l	99
20) Methylene Chloride	2.831	84	147233	45.76	ug/l	95
21) trans-1,2-Dichloroethene	3.142	96	142752	47.98	ug/l	99
22) Diisopropyl ether	3.818	45	431469	53.61	ug/l	96
23) Vinyl Acetate	3.782	43	1822194	265.38	ug/l	99
24) 1,1-Dichloroethane	3.666	63	257600	49.20	ug/l	99
25) 2-Butanone	4.629	43	463844	239.46	ug/l	98
26) 2,2-Dichloropropane	4.544	77	210769	47.33	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	158036	46.97	ug/l	99
28) Bromochloromethane	4.977	49	102007	46.65	ug/l	99
29) Tetrahydrofuran	5.086	42	287450	239.04	ug/l	98
30) Chloroform	5.172	83	259393	46.52	ug/l	97
31) Cyclohexane	5.544	56	225998	50.62	ug/l	99
32) 1,1,1-Trichloroethane	5.464	97	229310	46.76	ug/l	100
36) 1,1-Dichloropropene	5.763	75	197349	50.10	ug/l	98
37) Ethyl Acetate	4.788	43	174711	48.13	ug/l	99
38) Carbon Tetrachloride	5.751	117	205436	48.87	ug/l	97
39) Methylcyclohexane	7.440	83	235969	52.63	ug/l	98
40) Benzene	6.111	78	576431	49.94	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.995	41	98151	50.15	ug/l		98
42) 1,2-Dichloroethane	6.159	62	209471	48.36	ug/l		99
43) Isopropyl Acetate	6.409	43	284887	50.83	ug/l		99
44) Trichloroethene	7.184	130	153384	48.82	ug/l		99
45) 1,2-Dichloropropane	7.488	63	147924	50.99	ug/l		96
46) Dibromomethane	7.635	93	99960	47.57	ug/l		100
47) Bromodichloromethane	7.872	83	204228	48.39	ug/l		98
48) Methyl methacrylate	7.744	41	138882	50.01	ug/l		97
49) 1,4-Dioxane	7.732	88	63395	1001.38	ug/l		99
51) 4-Methyl-2-Pentanone	8.616	43	846618	241.48	ug/l		100
52) Toluene	8.763	92	356403	50.23	ug/l		99
53) t-1,3-Dichloropropene	9.019	75	220628	51.14	ug/l		99
54) cis-1,3-Dichloropropene	8.409	75	243454	51.18	ug/l		94
55) 1,1,2-Trichloroethane	9.195	97	145065	48.34	ug/l		98
56) Ethyl methacrylate	9.159	69	207246	47.15	ug/l		98
57) 1,3-Dichloropropane	9.348	76	250095	50.49	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.287	63	556149	259.22	ug/l		100
59) 2-Hexanone	9.470	43	639066	243.33	ug/l		100
60) Dibromochloromethane	9.561	129	160929	49.74	ug/l		99
61) 1,2-Dibromoethane	9.653	107	153487	49.70	ug/l		98
64) Tetrachloroethene	9.317	164	146372	51.27	ug/l		98
65) Chlorobenzene	10.122	112	389646	50.29	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.201	131	149527	51.27	ug/l		99
67) Ethyl Benzene	10.232	91	690729	52.51	ug/l		100
68) m/p-Xylenes	10.342	106	521438	106.67	ug/l		97
69) o-Xylene	10.683	106	244666	52.13	ug/l		99
70) Styrene	10.695	104	421901	48.98	ug/l		99
71) Bromoform	10.841	173	110473	48.63	ug/l	#	95
73) Isopropylbenzene	11.000	105	659175	50.32	ug/l		100
74) N-amyl acetate	10.878	43	242678	47.23	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.250	83	215113	46.03	ug/l		99
76) 1,2,3-Trichloropropane	11.280	75	204992m	46.31	ug/l		
77) Bromobenzene	11.238	156	165298	49.33	ug/l		98
78) n-propylbenzene	11.341	91	787483	52.50	ug/l		100
79) 2-Chlorotoluene	11.402	91	466201	50.48	ug/l		99
80) 1,3,5-Trimethylbenzene	11.488	105	582970	53.23	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.055	75	71344	46.62	ug/l		97
82) 4-Chlorotoluene	11.494	91	556175	50.97	ug/l		99
83) tert-Butylbenzene	11.756	119	550992	51.79	ug/l		97
84) 1,2,4-Trimethylbenzene	11.793	105	584982	49.04	ug/l		99
85) sec-Butylbenzene	11.927	105	650780	52.83	ug/l		100
86) p-Isopropyltoluene	12.049	119	614040	49.51	ug/l		99
87) 1,3-Dichlorobenzene	12.006	146	297357	48.25	ug/l		98
88) 1,4-Dichlorobenzene	12.079	146	305362	48.95	ug/l		98
89) n-Butylbenzene	12.372	91	542394	49.14	ug/l		99
90) Hexachloroethane	12.579	117	102417	49.59	ug/l		98
91) 1,2-Dichlorobenzene	12.372	146	291566	48.50	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.981	75	47936	45.98	ug/l		92
93) 1,2,4-Trichlorobenzene	13.628	180	201815	47.91	ug/l		99
94) Hexachlorobutadiene	13.762	225	88473	48.40	ug/l		98
95) Naphthalene	13.817	128	636959	46.59	ug/l		100
96) 1,2,3-Trichlorobenzene	13.999	180	204995	53.92	ug/l		99

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

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

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