Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060218\
Data File : VX002235.D
Acq On : 02 Jun 2018 11:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
6/4/2018 2:31:50 PM

Quant Time: Jun 04 05:21:42 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	288355	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197370	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	193420	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.58%			
35) Dibromofluoromethane	5.51	113	144953	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.54%			
50) Toluene-d8	8.72	98	550185	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.40%			
62) 4-Bromofluorobenzene	11.14	95	218849	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	91276	35.670	ug/l	100
3) Chloromethane	1.32	50	125340	40.493	ug/l	99
4) Vinyl Chloride	1.40	62	130887	43.793	ug/l	100
5) Bromomethane	1.64	94	86448	63.090	ug/l	100
6) Chloroethane	1.72	64	89260	50.662	ug/l	97
7) Trichlorofluoromethane	1.93	101	219488	48.901	ug/l	99
8) Diethyl Ether	2.19	74	98924	60.745	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128011	51.111	ug/l	97
10) Methyl Iodide	2.51	142	151689	44.761	ug/l	98
11) Tert butyl alcohol	3.06	59	201353	285.246	ug/l	98
12) 1,1-Dichloroethene	2.37	96	113431	48.373	ug/l	94
13) Acrolein	2.29	56	66896	219.185	ug/l	99
14) Allyl chloride	2.73	41	266368	54.115	ug/l	97
15) Acrylonitrile	3.15	53	435226	299.829	ug/l	100
16) Acetone	2.45	43	461381	332.442	ug/l	98
17) Carbon Disulfide	2.57	76	251783	37.308	ug/l	100
18) Methyl Acetate	2.78	43	221883	66.747	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	525790	59.616	ug/l	99
20) Methylene Chloride	2.86	84	150994	63.279	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	128360	56.429	ug/l	99
22) Diisopropyl ether	3.87	45	554171	55.350	ug/l	97
23) Vinyl Acetate	3.82	43	2455059	295.749	ug/l	99
24) 1,1-Dichloroethane	3.70	63	272496	57.295	ug/l	100
25) 2-Butanone	4.70	43	605917	238.205	ug/l	99
26) 2,2-Dichloropropane	4.59	77	201133	41.782	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	144761	47.342	ug/l	92
28) Bromochloromethane	5.02	49	127311	64.288	ug/l	99
29) Tetrahydrofuran	5.16	42	381392	230.454	ug/l	99
30) Chloroform	5.22	83	262753	49.037	ug/l	98
31) Cyclohexane	5.57	56	195237	39.401	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	212840	42.608	ug/l	98
36) 1,1-Dichloropropene	5.80	75	171108	42.661	ug/l	98
37) Ethyl Acetate	4.86	43	233661	44.685	ug/l	99
38) Carbon Tetrachloride	5.79	117	183003	39.127	ug/l	98

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	205220	41.647	ug/l		97
40) Benzene	6.15	78	556497	47.359	ug/l		99
41) Methacrylonitrile	5.06	41	135391	49.039	ug/l		99
42) 1,2-Dichloroethane	6.20	62	231711	49.366	ug/l		99
43) Isopropyl Acetate	6.46	43	401112	46.037	ug/l		99
44) Trichloroethene	7.21	130	156086	45.583	ug/l		99
45) 1,2-Dichloropropane	7.52	63	156048	48.900	ug/l		99
46) Dibromomethane	7.67	93	106274	50.300	ug/l		99
47) Bromodichloromethane	7.90	83	197304	43.797	ug/l		100
48) Methyl methacrylate	7.78	41	204173	46.043	ug/l		98
49) 1,4-Dioxane	7.76	88	72532	928.200	ug/l		99
51) 4-Methyl-2-Pentanone	8.65	43	1288435	245.314	ug/l		100
52) Toluene	8.79	92	359875	48.123	ug/l		99
53) t-1,3-Dichloropropene	8.44	75	243210	46.874	ug/l		99
54) cis-1,3-Dichloropropene	9.04	75	232529	45.992	ug/l		99
55) 1,1,2-Trichloroethane	9.22	97	161355	51.650	ug/l		97
56) Ethyl methacrylate	9.18	69	255069	47.469	ug/l		98
57) 1,3-Dichloropropane	9.37	76	266335	51.751	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.32	63	572369	240.325	ug/l		99
59) 2-Hexanone	9.50	43	1003389	247.764	ug/l		100
60) Dibromochloromethane	9.59	129	168054	45.417	ug/l		100
61) 1,2-Dibromoethane	9.68	107	167507	51.100	ug/l		100
64) Tetrachloroethene	9.34	164	176164	43.703	ug/l		98
65) Chlorobenzene	10.14	112	428199	48.073	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.23	131	161911	45.015	ug/l		100
67) Ethyl Benzene	10.26	91	713967	46.134	ug/l		99
68) m/p-Xylenes	10.36	106	558846	94.465	ug/l		98
69) o-Xylene	10.70	106	279305	47.285	ug/l		100
70) Styrene	10.71	104	471547	48.136	ug/l		99
71) Bromoform	10.86	173	134082	39.314	ug/l	#	99
73) Isopropylbenzene	11.02	105	735665	44.016	ug/l		100
74) N-amyl acetate	6.46	43	401112	46.011	ug/l	#	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	236646	51.816	ug/l		99
76) 1,2,3-Trichloropropane	11.30	75	249844m	52.702	ug/l		
77) Bromobenzene	11.26	156	209259	47.191	ug/l		96
78) n-propylbenzene	11.37	91	835422	44.630	ug/l		100
79) 2-Chlorotoluene	11.43	91	514676	50.127	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	637648	44.643	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.08	75	72634	36.824	ug/l		91
82) 4-Chlorotoluene	11.51	91	614444	46.540	ug/l		100
83) tert-Butylbenzene	11.77	119	612019	43.665	ug/l		99
84) 1,2,4-Trimethylbenzene	11.81	105	668709	45.305	ug/l		100
85) sec-Butylbenzene	11.95	105	743532	44.130	ug/l		100
86) p-Isopropyltoluene	12.07	119	685800	45.487	ug/l		99
87) 1,3-Dichlorobenzene	12.03	146	377492	47.535	ug/l		100
88) 1,4-Dichlorobenzene	12.10	146	387210	48.770	ug/l		99
89) n-Butylbenzene	12.39	91	587488	45.987	ug/l		99
90) Hexachloroethane	12.60	117	106314	35.749	ug/l		99
91) 1,2-Dichlorobenzene	12.40	146	395007	48.819	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54134	36.430	ug/l		97

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Response via : Initial Calibration

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6/4/2018 2:31:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286855	49.579	ug/l	99
94) Hexachlorobutadiene	13.79	225	137524	44.186	ug/l	99
95) Naphthalene	13.84	128	847967	47.570	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	294254	49.151	ug/l	99

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

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