Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030519\
Data File : VX007827.D
Acq On : 05 Mar 2019 10:22
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
3/6/2019 9:49:26 AM

Quant Time: Mar 05 14:12:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	340134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	479647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	420400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	182443	43.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.60%			
35) Dibromofluoromethane	5.50	113	162788	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.54%			
50) Toluene-d8	8.71	98	602225	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.12%			
62) 4-Bromofluorobenzene	11.13	95	217027	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.34%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	134102	42.799	ug/l	99
3) Chloromethane	1.33	50	161503	46.514	ug/l	98
4) Vinyl Chloride	1.41	62	171727	48.207	ug/l	100
5) Bromomethane	1.64	94	92718	41.043	ug/l	98
6) Chloroethane	1.71	64	115684	50.830	ug/l	98
7) Trichlorofluoromethane	1.93	101	236799	43.362	ug/l	98
8) Diethyl Ether	2.19	74	104081	46.440	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	153466	46.495	ug/l	98
10) Methyl Iodide	2.51	142	212951	51.814	ug/l	97
11) Tert butyl alcohol	3.07	59	188364	235.635	ug/l	100
12) 1,1-Dichloroethene	2.37	96	141908	47.697	ug/l	97
13) Acrolein	2.30	56	244692	344.468	ug/l	100
14) Allyl chloride	2.73	41	296324	53.865	ug/l	90
15) Acrylonitrile	3.15	53	477560	253.859	ug/l	99
16) Acetone	2.45	43	509304	271.831	ug/l	99
17) Carbon Disulfide	2.57	76	412204	49.799	ug/l	99
18) Methyl Acetate	2.78	43	231324	56.581	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	502658	48.516	ug/l	99
20) Methylene Chloride	2.85	84	156538	45.247	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	149941	46.357	ug/l	93
22) Diisopropyl ether	3.87	45	558692	48.785	ug/l	97
23) Vinyl Acetate	3.82	43	2455017	244.341	ug/l	97
24) 1,1-Dichloroethane	3.70	63	294729	47.354	ug/l	97
25) 2-Butanone	4.70	43	696953	244.203	ug/l	96
26) 2,2-Dichloropropane	4.58	77	227078	45.707	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	177961	43.241	ug/l	93
28) Bromochloromethane	5.01	49	138704	45.777	ug/l	86
29) Tetrahydrofuran	5.15	42	433089	230.211	ug/l	93
30) Chloroform	5.21	83	283061	42.458	ug/l	99
31) Cyclohexane	5.57	56	274709	46.923	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	244276	44.304	ug/l	98
36) 1,1-Dichloropropene	5.80	75	217218	50.373	ug/l	97
37) Ethyl Acetate	4.85	43	247302	51.627	ug/l	100
38) Carbon Tetrachloride	5.78	117	215733	49.804	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	7.46	83	282950	51.917 ug/l	94
40) Benzene	6.14	78	657768	49.414 ug/l	98
41) Methacrylonitrile	5.06	41	142776	55.819 ug/l	94
42) 1,2-Dichloroethane	6.20	62	212969	47.600 ug/l	98
43) Isopropyl Acetate	6.46	43	390691	52.994 ug/l	98
44) Trichloroethene	7.21	130	181739	49.630 ug/l	97
45) 1,2-Dichloropropane	7.51	63	176878	51.296 ug/l	100
46) Dibromomethane	7.66	93	110292	45.848 ug/l	97
47) Bromodichloromethane	7.90	83	216679	51.976 ug/l	98
48) Methyl methacrylate	7.77	41	203891	52.761 ug/l	91
49) 1,4-Dioxane	7.75	88	77042	923.042 ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1228849	249.014 ug/l	100
52) Toluene	8.78	92	407992	48.605 ug/l	99
53) t-1,3-Dichloropropene	9.04	75	245373	47.493 ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	269912	53.353 ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	165811	47.370 ug/l	98
56) Ethyl methacrylate	9.18	69	256222	51.473 ug/l	94
57) 1,3-Dichloropropane	9.37	76	276378	49.324 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	862260	314.122 ug/l	98
59) 2-Hexanone	9.49	43	952579	245.870 ug/l	99
60) Dibromochloromethane	9.58	129	183294	54.420 ug/l	99
61) 1,2-Dibromoethane	9.67	107	175358	48.251 ug/l	100
64) Tetrachloroethene	9.34	164	181150	53.078 ug/l	97
65) Chlorobenzene	10.13	112	449603	49.448 ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	168229	53.042 ug/l	99
67) Ethyl Benzene	10.25	91	772987	51.320 ug/l	99
68) m/p-Xylenes	10.36	106	594141	101.396 ug/l	97
69) o-Xylene	10.69	106	285482	50.651 ug/l	96
70) Styrene	10.71	104	477543	51.547 ug/l	99
71) Bromoform	10.86	173	144915	60.931 ug/l	99
73) Isopropylbenzene	11.02	105	778000	49.012 ug/l	100
74) N-amyl acetate	10.90	43	339744	49.287 ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	243723	44.393 ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	201755m	42.617 ug/l	
77) Bromobenzene	11.26	156	203557	51.127 ug/l	95
78) n-propylbenzene	11.36	91	883342	49.246 ug/l	98
79) 2-Chlorotoluene	11.42	91	513571	47.551 ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	642758	49.227 ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	80821	46.004 ug/l	90
82) 4-Chlorotoluene	11.51	91	597399	47.282 ug/l	98
83) tert-Butylbenzene	11.77	119	646719	51.587 ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	659550	49.383 ug/l	98
85) sec-Butylbenzene	11.94	105	787162	50.107 ug/l	99
86) p-Isopropyltoluene	12.06	119	710120	51.616 ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	371203	50.263 ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	374950	49.574 ug/l	100
89) n-Butylbenzene	12.38	91	618764	50.431 ug/l	99
90) Hexachloroethane	12.60	117	119213	51.427 ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	364766	49.364 ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53105	44.393 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	274642	60.889	ug/l	100
94) Hexachlorobutadiene	13.78	225	144321	69.943	ug/l	99
95) Naphthalene	13.83	128	773301	52.917	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	270308	59.684	ug/l	99

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

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