Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061819\
Data File : VX010341.D
Acq On : 18 Jun 2019 16:42
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
6/20/2019 8:58:24 AM

Quant Time: Jun 19 01:42:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	284374	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	412302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	378915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	205044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	130022	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.68%			
35) Dibromofluoromethane	5.49	113	130931	51.48	ug/l	-0.01
Spiked Amount 50.000			Recovery = 102.96%			
50) Toluene-d8	8.71	98	488701	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.54%			
62) 4-Bromofluorobenzene	11.13	95	184944	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	128129	48.967	ug/l	97
3) Chloromethane	1.32	50	119098	45.831	ug/l	99
4) Vinyl Chloride	1.41	62	127509	52.208	ug/l	99
5) Bromomethane	1.64	94	57280	62.150	ug/l	100
6) Chloroethane	1.71	64	78308	63.594	ug/l	100
7) Trichlorofluoromethane	1.93	101	207528	57.203	ug/l	99
8) Diethyl Ether	2.18	74	75817	60.633	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121339	48.520	ug/l	94
10) Methyl Iodide	2.51	142	175866	45.389	ug/l	98
11) Tert butyl alcohol	3.04	59	161042	236.827	ug/l	99
12) 1,1-Dichloroethene	2.37	96	114648	44.884	ug/l	84
13) Acrolein	2.29	56	28247	227.815	ug/l	98
14) Allyl chloride	2.73	41	182127	47.236	ug/l #	86
15) Acrylonitrile	3.14	53	347429	249.967	ug/l	98
16) Acetone	2.44	43	341479	261.554	ug/l	91
17) Carbon Disulfide	2.57	76	290278	39.331	ug/l	98
18) Methyl Acetate	2.77	43	152830	53.228	ug/l #	82
19) Methyl tert-butyl Ether	3.19	73	405307	49.391	ug/l	94
20) Methylene Chloride	2.85	84	139951	48.810	ug/l #	79
21) trans-1,2-Dichloroethene	3.16	96	130597	46.201	ug/l #	79
22) Diisopropyl ether	3.85	45	382023	51.823	ug/l #	91
23) Vinyl Acetate	3.81	43	1644000	249.985	ug/l #	88
24) 1,1-Dichloroethane	3.69	63	218660	48.854	ug/l	95
25) 2-Butanone	4.67	43	490378	252.236	ug/l #	84
26) 2,2-Dichloropropane	4.57	77	196932	48.230	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	156863	49.882	ug/l	78
28) Bromochloromethane	5.01	49	91527	45.628	ug/l #	51
29) Tetrahydrofuran	5.12	42	293919	240.563	ug/l #	76
30) Chloroform	5.20	83	233253	50.180	ug/l	100
31) Cyclohexane	5.57	56	190732	47.217	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	209398	47.918	ug/l	93
36) 1,1-Dichloropropene	5.79	75	169216	50.306	ug/l	93
37) Ethyl Acetate	4.82	43	175218	50.064	ug/l #	92
38) Carbon Tetrachloride	5.78	117	189657	49.813	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	225956	49.331	ug/l		85
40) Benzene	6.13	78	533353	51.277	ug/l		99
41) Methacrylonitrile	5.03	41	95366	50.373	ug/l	#	83
42) 1,2-Dichloroethane	6.18	62	167103	50.322	ug/l		94
43) Isopropyl Acetate	6.43	43	296413	50.653	ug/l	#	90
44) Trichloroethene	7.21	130	161437	51.490	ug/l		88
45) 1,2-Dichloropropane	7.51	63	137473	52.806	ug/l		99
46) Dibromomethane	7.65	93	97087	49.778	ug/l		90
47) Bromodichloromethane	7.89	83	186336	51.128	ug/l	#	99
48) Methyl methacrylate	7.76	41	140333	51.278	ug/l	#	79
49) 1,4-Dioxane	7.73	88	73687	944.379	ug/l	#	79
51) 4-Methyl-2-Pentanone	8.63	43	941023	269.182	ug/l		90
52) Toluene	8.78	92	350214	51.221	ug/l		100
53) t-1,3-Dichloropropene	9.04	75	210427	49.917	ug/l		96
54) cis-1,3-Dichloropropene	8.43	75	227364	50.310	ug/l	#	88
55) 1,1,2-Trichloroethane	9.21	97	151281	54.026	ug/l		96
56) Ethyl methacrylate	9.18	69	229366	51.854	ug/l	#	83
57) 1,3-Dichloropropane	9.37	76	231361	52.482	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.30	63	604419	289.855	ug/l	#	86
59) 2-Hexanone	9.49	43	737238	264.500	ug/l		88
60) Dibromochloromethane	9.58	129	171764	51.859	ug/l		99
61) 1,2-Dibromoethane	9.66	107	160202	51.369	ug/l		99
64) Tetrachloroethene	9.33	164	154350	54.845	ug/l		94
65) Chlorobenzene	10.13	112	408200	52.196	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.22	131	153585	51.068	ug/l		99
67) Ethyl Benzene	10.25	91	694845	52.192	ug/l		94
68) m/p-Xylenes	10.35	106	540122	104.841	ug/l		91
69) o-Xylene	10.69	106	265592	51.862	ug/l		90
70) Styrene	10.71	104	461343	53.190	ug/l		95
71) Bromoform	10.85	173	140933	50.974	ug/l	#	98
73) Isopropylbenzene	11.01	105	721745	50.424	ug/l		97
74) N-amyl acetate	10.90	43	273511	48.340	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	11.26	83	231613	47.272	ug/l		98
76) 1,2,3-Trichloropropane	11.29	75	196804m	47.986	ug/l		
77) Bromobenzene	11.25	156	196481	49.917	ug/l		81
78) n-propylbenzene	11.36	91	807214	50.657	ug/l		95
79) 2-Chlorotoluene	11.41	91	470208	49.131	ug/l		91
80) 1,3,5-Trimethylbenzene	11.51	105	601851	49.922	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.07	75	84807	45.687	ug/l		87
82) 4-Chlorotoluene	11.51	91	546558	50.273	ug/l		92
83) tert-Butylbenzene	11.77	119	609676	49.965	ug/l		94
84) 1,2,4-Trimethylbenzene	11.80	105	615090	50.511	ug/l		97
85) sec-Butylbenzene	11.94	105	740904	52.118	ug/l		96
86) p-Isopropyltoluene	12.06	119	678497	52.208	ug/l		97
87) 1,3-Dichlorobenzene	12.02	146	354788	51.173	ug/l		98
88) 1,4-Dichlorobenzene	12.10	146	358335	51.271	ug/l		97
89) n-Butylbenzene	12.38	91	606037	54.174	ug/l		97
90) Hexachloroethane	12.59	117	124861	48.230	ug/l		99
91) 1,2-Dichlorobenzene	12.39	146	351272	52.115	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51053	44.280	ug/l		72

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	259007	52.496	ug/l	99
94) Hexachlorobutadiene	13.78	225	123445	56.259	ug/l	99
95) Naphthalene	13.83	128	773463	49.800	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	252536	51.767	ug/l	98

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

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