Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061019\
Data File : VX010216.D
Acq On : 11 Jun 2019 07:20
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
6/11/2019 11:53:41 AM

Quant Time: Jun 11 09:00:41 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	5.66	168	237806	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	365366	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	338498	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170185	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	120592	51.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.90%				
35) Dibromofluoromethane	5.50	113	121082	53.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.46%				
50) Toluene-d8	8.71	98	465447	55.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.22%				
62) 4-Bromofluorobenzene	11.13	95	168577	53.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.88%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	113972	52.086	ug/l		98
3) Chloromethane	1.32	50	108795	50.065	ug/l		100
4) Vinyl Chloride	1.41	62	117955	57.753	ug/l		100
5) Bromomethane	1.64	94	45684	59.275	ug/l		97
6) Chloroethane	1.71	64	66336	64.420	ug/l		98
7) Trichlorofluoromethane	1.92	101	178108	58.707	ug/l		98
8) Diethyl Ether	2.19	74	62206	59.490	ug/l		78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	99141	47.407	ug/l		91
10) Methyl Iodide	2.51	142	166241	51.306	ug/l		98
11) Tert butyl alcohol	3.05	59	138737	243.979	ug/l		99
12) 1,1-Dichloroethene	2.37	96	106169	49.704	ug/l	#	77
13) Acrolein	2.29	56	36110	348.261	ug/l		99
14) Allyl chloride	2.73	41	144514	44.821	ug/l	#	88
15) Acrylonitrile	3.14	53	299154	257.382	ug/l		98
16) Acetone	2.45	43	234633	214.908	ug/l	#	86
17) Carbon Disulfide	2.57	76	279264	45.248	ug/l		99
18) Methyl Acetate	2.78	43	123051	51.249	ug/l	#	84
19) Methyl tert-butyl Ether	3.20	73	338619	49.345	ug/l		94
20) Methylene Chloride	2.85	84	117867	49.158	ug/l	#	77
21) trans-1,2-Dichloroethene	3.17	96	112681	47.669	ug/l	#	77
22) Diisopropyl ether	3.85	45	314941	51.089	ug/l	#	89
23) Vinyl Acetate	3.81	43	1355413	246.463	ug/l	#	88
24) 1,1-Dichloroethane	3.70	63	183898	49.133	ug/l		94
25) 2-Butanone	4.67	43	403958	248.473	ug/l	#	83
26) 2,2-Dichloropropane	4.59	77	93586	27.408	ug/l		87
27) cis-1,2-Dichloroethene	4.60	96	131760	50.105	ug/l		74
28) Bromochloromethane	5.01	49	82047	48.912	ug/l	#	46
29) Tetrahydrofuran	5.12	42	261828	256.262	ug/l	#	75
30) Chloroform	5.21	83	196396	50.525	ug/l		100
31) Cyclohexane	5.58	56	166562	49.308	ug/l	#	75
32) 1,1,1-Trichloroethane	5.49	97	177171	48.483	ug/l	#	94
36) 1,1-Dichloropropene	5.80	75	141522	47.477	ug/l		91
37) Ethyl Acetate	4.83	43	152767	49.256	ug/l	#	91
38) Carbon Tetrachloride	5.79	117	159367	47.235	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	7.46	83	181988	44.836 ug/l	#	83
40) Benzene	6.14	78	461220	50.038 ug/l		100
41) Methacrylonitrile	5.04	41	81906	48.821 ug/l	#	82
42) 1,2-Dichloroethane	6.19	62	140243	47.659 ug/l		93
43) Isopropyl Acetate	6.45	43	254101	49.001 ug/l	#	88
44) Trichloroethene	7.21	130	137610	49.529 ug/l		87
45) 1,2-Dichloropropane	7.51	63	115481	50.056 ug/l		99
46) Dibromomethane	7.66	93	82498	47.732 ug/l		90
47) Bromodichloromethane	7.90	83	156835	48.562 ug/l	#	98
48) Methyl methacrylate	7.77	41	120980	49.885 ug/l	#	77
49) 1,4-Dioxane	7.74	88	67856	981.366 ug/l	#	78
51) 4-Methyl-2-Pentanone	8.64	43	810039	261.481 ug/l		90
52) Toluene	8.78	92	304128	50.195 ug/l		99
53) t-1,3-Dichloropropene	9.04	75	164481	44.030 ug/l		97
54) cis-1,3-Dichloropropene	8.43	75	177647	44.359 ug/l	#	88
55) 1,1,2-Trichloroethane	9.21	97	127648	51.442 ug/l		95
56) Ethyl methacrylate	9.18	69	197716	50.441 ug/l	#	82
57) 1,3-Dichloropropane	9.37	76	195468	50.036 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.31	63	456134	246.844 ug/l	#	86
59) 2-Hexanone	9.49	43	619966	251.000 ug/l		87
60) Dibromochloromethane	9.58	129	145076	49.428 ug/l		99
61) 1,2-Dibromoethane	9.67	107	136589	49.423 ug/l		99
64) Tetrachloroethene	9.34	164	138519	55.097 ug/l		97
65) Chlorobenzene	10.14	112	342258	48.990 ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.22	131	130408	48.539 ug/l		99
67) Ethyl Benzene	10.25	91	578274	48.622 ug/l		93
68) m/p-Xylenes	10.36	106	453856	98.615 ug/l		88
69) o-Xylene	10.69	106	224463	49.064 ug/l		88
70) Styrene	10.71	104	382048	49.307 ug/l		95
71) Bromoform	10.85	173	119546	48.401 ug/l	#	98
73) Isopropylbenzene	11.02	105	580522	48.865 ug/l		95
74) N-amyl acetate	10.90	43	231417	49.278 ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	199293	49.007 ug/l		99
76) 1,2,3-Trichloropropane	11.29	75	159361m	46.815 ug/l		
77) Bromobenzene	11.26	156	161618	49.471 ug/l		81
78) n-propylbenzene	11.36	91	642424	48.573 ug/l		94
79) 2-Chlorotoluene	11.42	91	379347	47.756 ug/l		90
80) 1,3,5-Trimethylbenzene	11.51	105	481399	48.110 ug/l		97
81) trans-1,4-Dichloro-2-buten	11.07	75	60481	39.256 ug/l		86
82) 4-Chlorotoluene	11.51	91	435538	48.267 ug/l		92
83) tert-Butylbenzene	11.77	119	480071	47.402 ug/l		94
84) 1,2,4-Trimethylbenzene	11.80	105	488454	48.328 ug/l		95
85) sec-Butylbenzene	11.94	105	567923	48.133 ug/l		96
86) p-Isopropyltoluene	12.06	119	521198	48.319 ug/l		96
87) 1,3-Dichlorobenzene	12.02	146	281581	48.933 ug/l		98
88) 1,4-Dichlorobenzene	12.10	146	277806	47.890 ug/l		97
89) n-Butylbenzene	12.38	91	437321	47.100 ug/l		98
90) Hexachloroethane	12.60	117	98890	46.023 ug/l		99
91) 1,2-Dichlorobenzene	12.39	146	272811	48.765 ug/l		98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42382	44.288 ug/l		64

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	191595	46.787	ug/l	99
94) Hexachlorobutadiene	13.78	225	87114	47.833	ug/l	100
95) Naphthalene	13.83	128	626281	48.583	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	194387	48.009	ug/l	99

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

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