Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031219\
Data File : VX008010.D
Acq On : 12 Mar 2019 12:10
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
3/13/2019 10:13:52 AM

Quant Time: Mar 13 05:34:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	252380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	116936	43.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.84%			
35) Dibromofluoromethane	5.50	113	105738	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.90%			
50) Toluene-d8	8.71	98	401648	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.12%			
62) 4-Bromofluorobenzene	11.13	95	142223	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	101332	46.995	ug/l	100
3) Chloromethane	1.33	50	124477	44.796	ug/l	99
4) Vinyl Chloride	1.41	62	129057	46.743	ug/l	100
5) Bromomethane	1.64	94	67013	51.760	ug/l	100
6) Chloroethane	1.72	64	80561	43.922	ug/l	99
7) Trichlorofluoromethane	1.93	101	173355	48.225	ug/l	99
8) Diethyl Ether	2.19	74	73939	47.500	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	110744	49.714	ug/l	99
10) Methyl Iodide	2.51	142	160413	50.760	ug/l	99
11) Tert butyl alcohol	3.07	59	136314	228.947	ug/l	100
12) 1,1-Dichloroethene	2.37	96	103006	47.971	ug/l	97
13) Acrolein	2.29	56	116391	344.848	ug/l	98
14) Allyl chloride	2.73	41	204847	45.399	ug/l	99
15) Acrylonitrile	3.15	53	337040	224.269	ug/l	100
16) Acetone	2.45	43	358270	232.493	ug/l	99
17) Carbon Disulfide	2.57	76	304653	46.691	ug/l	100
18) Methyl Acetate	2.78	43	156765	47.885	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	359143	48.617	ug/l	100
20) Methylene Chloride	2.85	84	115210	46.976	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	110951	46.960	ug/l	96
22) Diisopropyl ether	3.87	45	380670	46.024	ug/l	96
23) Vinyl Acetate	3.82	43	1636961	225.689	ug/l	98
24) 1,1-Dichloroethane	3.70	63	206541	46.402	ug/l	99
25) 2-Butanone	4.70	43	492145	225.584	ug/l	99
26) 2,2-Dichloropropane	4.58	77	152420	51.687	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	125334	46.358	ug/l	99
28) Bromochloromethane	5.02	49	93279	44.951	ug/l	97
29) Tetrahydrofuran	5.15	42	303732	223.195	ug/l	99
30) Chloroform	5.21	83	199340	47.344	ug/l	99
31) Cyclohexane	5.57	56	193364	47.267	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	169756	48.593	ug/l	98
36) 1,1-Dichloropropene	5.80	75	154794	48.558	ug/l	99
37) Ethyl Acetate	4.85	43	172285	45.542	ug/l	99
38) Carbon Tetrachloride	5.78	117	149858	49.516	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	202756	52.489	ug/l		98
40) Benzene	6.14	78	469685	49.491	ug/l		100
41) Methacrylonitrile	5.06	41	99465	48.226	ug/l		99
42) 1,2-Dichloroethane	6.20	62	150467	48.480	ug/l		99
43) Isopropyl Acetate	6.46	43	269861	48.201	ug/l		99
44) Trichloroethene	7.21	130	131240	50.180	ug/l		98
45) 1,2-Dichloropropane	7.51	63	124055	49.491	ug/l		98
46) Dibromomethane	7.66	93	77534	48.877	ug/l		98
47) Bromodichloromethane	7.90	83	148807	49.478	ug/l		99
48) Methyl methacrylate	7.77	41	142026	48.250	ug/l		98
49) 1,4-Dioxane	7.75	88	58072	960.384	ug/l		98
51) 4-Methyl-2-Pentanone	8.65	43	864513	240.106	ug/l		99
52) Toluene	8.78	92	295916	51.072	ug/l		99
53) t-1,3-Dichloropropene	9.04	75	168136	53.562	ug/l		99
54) cis-1,3-Dichloropropene	8.43	75	185859	52.431	ug/l		99
55) 1,1,2-Trichloroethane	9.21	97	119171	50.808	ug/l		99
56) Ethyl methacrylate	9.18	69	181454	51.525	ug/l		97
57) 1,3-Dichloropropane	9.37	76	196419	49.874	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.31	63	487835	267.793	ug/l		98
59) 2-Hexanone	9.49	43	664211	237.609	ug/l		99
60) Dibromochloromethane	9.58	129	125464	51.176	ug/l		99
61) 1,2-Dibromoethane	9.67	107	127287	51.113	ug/l		99
64) Tetrachloroethene	9.34	164	134248	51.570	ug/l		99
65) Chlorobenzene	10.13	112	324817	49.413	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.22	131	119698	50.807	ug/l		100
67) Ethyl Benzene	10.25	91	554527	51.247	ug/l		100
68) m/p-Xylenes	10.36	106	427797	102.569	ug/l		100
69) o-Xylene	10.69	106	205008	50.912	ug/l		100
70) Styrene	10.71	104	341166	51.776	ug/l		100
71) Bromoform	10.85	173	98539	48.704	ug/l	#	100
73) Isopropylbenzene	11.02	105	560687	51.579	ug/l		100
74) N-amyl acetate	10.90	43	228560	46.056	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.27	83	172487	46.001	ug/l		100
76) 1,2,3-Trichloropropane	11.29	75	168414m	49.933	ug/l		
77) Bromobenzene	11.26	156	147361	49.445	ug/l		98
78) n-propylbenzene	11.36	91	630015	52.242	ug/l		100
79) 2-Chlorotoluene	11.42	91	369312	50.087	ug/l		100
80) 1,3,5-Trimethylbenzene	11.51	105	466975	52.194	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.07	75	53359	50.570	ug/l		99
82) 4-Chlorotoluene	11.51	91	426909	50.522	ug/l		100
83) tert-Butylbenzene	11.77	119	460317	51.077	ug/l		98
84) 1,2,4-Trimethylbenzene	11.80	105	475093	51.800	ug/l		100
85) sec-Butylbenzene	11.94	105	563707	53.109	ug/l		100
86) p-Isopropyltoluene	12.06	119	511186	53.776	ug/l		100
87) 1,3-Dichlorobenzene	12.02	146	263771	50.027	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	263149	48.735	ug/l		99
89) n-Butylbenzene	12.38	91	437010	54.264	ug/l		100
90) Hexachloroethane	12.60	117	81309	51.159	ug/l		100
91) 1,2-Dichlorobenzene	12.39	146	258795	49.408	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35690	45.544	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	193028	52.459	ug/l	100
94) Hexachlorobutadiene	13.78	225	104682	54.415	ug/l	99
95) Naphthalene	13.83	128	546711	51.566	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	189812	51.783	ug/l	99

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

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