Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062119\
Data File : VX010399.D
Acq On : 21 Jun 2019 20:52
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 22 01:09:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
6/24/2019 11:21:39 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	266622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	406845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	369712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123339	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.68%			
35) Dibromofluoromethane	5.50	113	121359	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.50%			
50) Toluene-d8	8.71	98	461743	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.98%			
62) 4-Bromofluorobenzene	11.13	95	164543	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	89789	48.440	ug/l	98
3) Chloromethane	1.32	50	96362	44.644	ug/l	99
4) Vinyl Chloride	1.41	62	112191	47.455	ug/l	100
5) Bromomethane	1.64	94	48687	42.272	ug/l	96
6) Chloroethane	1.71	64	69487	49.819	ug/l	96
7) Trichlorofluoromethane	1.93	101	187656	50.072	ug/l	97
8) Diethyl Ether	2.19	74	68971	51.318	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111975	49.303	ug/l	99
10) Methyl Iodide	2.51	142	127058	39.200	ug/l	99
11) Tert butyl alcohol	3.05	59	155393	237.557	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113134	48.954	ug/l	98
13) Acrolein	2.29	56	82480	190.076	ug/l	99
14) Allyl chloride	2.73	41	167085	50.925	ug/l	100
15) Acrylonitrile	3.14	53	336664	259.952	ug/l	100
16) Acetone	2.45	43	276948	221.055	ug/l	99
17) Carbon Disulfide	2.57	76	292015	47.098	ug/l	98
18) Methyl Acetate	2.78	43	129181	51.735	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	372254	51.202	ug/l	100
20) Methylene Chloride	2.85	84	129077	50.063	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	123639	49.744	ug/l	98
22) Diisopropyl ether	3.86	45	350712	51.126	ug/l	89
23) Vinyl Acetate	3.82	43	1561509	263.496	ug/l	100
24) 1,1-Dichloroethane	3.70	63	202522	51.075	ug/l	99
25) 2-Butanone	4.68	43	457845	249.131	ug/l	99
26) 2,2-Dichloropropane	4.59	77	148400	43.083	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	145734	50.739	ug/l	98
28) Bromochloromethane	5.01	49	90439	47.704	ug/l	98
29) Tetrahydrofuran	5.13	42	294424	258.646	ug/l	100
30) Chloroform	5.21	83	214729	50.331	ug/l	96
31) Cyclohexane	5.58	56	182083	50.426	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	194027	51.505	ug/l	99
36) 1,1-Dichloropropene	5.80	75	156504	48.408	ug/l	99
37) Ethyl Acetate	4.84	43	173633	52.205	ug/l	100
38) Carbon Tetrachloride	5.79	117	172718	49.335	ug/l	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205091	48.260	ug/l	99
40) Benzene	6.15	78	503539	49.992	ug/l	100
41) Methacrylonitrile	5.04	41	93072	51.001	ug/l	98
42) 1,2-Dichloroethane	6.20	62	157069	51.229	ug/l	99
43) Isopropyl Acetate	6.45	43	283698	51.555	ug/l	99
44) Trichloroethene	7.21	130	148467	49.260	ug/l	98
45) 1,2-Dichloropropane	7.51	63	126030	49.549	ug/l	97
46) Dibromomethane	7.66	93	90894	49.807	ug/l	100
47) Bromodichloromethane	7.90	83	167266	50.013	ug/l	100
48) Methyl methacrylate	7.77	41	132354	51.746	ug/l	99
49) 1,4-Dioxane	7.74	88	70377	955.132	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	900252	255.799	ug/l	99
52) Toluene	8.79	92	329296	49.645	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	182433	48.654	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	202112	49.601	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	136704	49.972	ug/l	99
56) Ethyl methacrylate	9.18	69	211638	51.070	ug/l	99
57) 1,3-Dichloropropane	9.37	76	214252	50.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	503158	255.653	ug/l	99
59) 2-Hexanone	9.49	43	685998	247.664	ug/l	100
60) Dibromochloromethane	9.58	129	152381	49.750	ug/l	99
61) 1,2-Dibromoethane	9.67	107	150234	50.879	ug/l	100
64) Tetrachloroethene	9.34	164	148525	49.668	ug/l	99
65) Chlorobenzene	10.14	112	372182	49.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	139471	51.013	ug/l	99
67) Ethyl Benzene	10.25	91	632030	49.878	ug/l	99
68) m/p-Xylenes	10.36	106	483713	98.518	ug/l	99
69) o-Xylene	10.69	106	239471	49.596	ug/l	99
70) Styrene	10.71	104	406959	50.258	ug/l	99
71) Bromoform	10.85	173	120403	50.641	ug/l	100
73) Isopropylbenzene	11.02	105	635417	51.163	ug/l	98
74) N-amyl acetate	10.90	43	246898	52.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	210942	51.286	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	170665m	51.118	ug/l	
77) Bromobenzene	11.26	156	171625	49.490	ug/l	99
78) n-propylbenzene	11.36	91	700266	51.303	ug/l	100
79) 2-Chlorotoluene	11.42	91	404719	49.793	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	519853	50.775	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	68047	47.549	ug/l	98
82) 4-Chlorotoluene	11.51	91	468321	50.636	ug/l	99
83) tert-Butylbenzene	11.77	119	517487	50.358	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	529250	51.451	ug/l	99
85) sec-Butylbenzene	11.94	105	614322	50.915	ug/l	100
86) p-Isopropyltoluene	12.06	119	562317	50.385	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	300399	49.625	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	294451	47.779	ug/l	99
89) n-Butylbenzene	12.38	91	480102	50.625	ug/l	99
90) Hexachloroethane	12.60	117	99489	51.555	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	294142	48.890	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44576	50.267	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	206611	49.520	ug/l	100
94) Hexachlorobutadiene	13.78	225	96689	47.417	ug/l	99
95) Naphthalene	13.83	128	657680	51.295	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	207892	50.115	ug/l	99

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

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