Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011019\
Data File : VX007002.D
Acq On : 10 Jan 2019 20:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/11/2019 11:42:45 AM

Quant Time: Jan 11 08:12:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	529953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	787047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	715032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	365186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	272342	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.34%			
35) Dibromofluoromethane	5.50	113	246499	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
50) Toluene-d8	8.71	98	914417	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.14%			
62) 4-Bromofluorobenzene	11.13	95	320398	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	233958	53.759	ug/l	95
3) Chloromethane	1.32	50	250060	49.358	ug/l	99
4) Vinyl Chloride	1.41	62	270105	49.563	ug/l	98
5) Bromomethane	1.64	94	259399	44.551	ug/l	99
6) Chloroethane	1.71	64	176365	46.347	ug/l	98
7) Trichlorofluoromethane	1.92	101	424653	48.225	ug/l	100
8) Diethyl Ether	2.19	74	165839	47.339	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	247818	47.008	ug/l	100
10) Methyl Iodide	2.51	142	390626	54.931	ug/l	99
11) Tert butyl alcohol	3.09	59	318625	243.879	ug/l	98
12) 1,1-Dichloroethene	2.37	96	233796	48.001	ug/l	98
13) Acrolein	2.30	56	112635	200.515	ug/l	97
14) Allyl chloride	2.73	41	403127	48.293	ug/l	98
15) Acrylonitrile	3.15	53	747065	249.086	ug/l	99
16) Acetone	2.45	43	635699	232.173	ug/l	99
17) Carbon Disulfide	2.57	76	558985	44.576	ug/l	99
18) Methyl Acetate	2.78	43	414256	52.244	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	830000	49.096	ug/l	99
20) Methylene Chloride	2.85	84	269251	51.721	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	252693	46.555	ug/l	98
22) Diisopropyl ether	3.87	45	762824	48.609	ug/l	94
23) Vinyl Acetate	3.82	43	3217518	243.120	ug/l	100
24) 1,1-Dichloroethane	3.70	63	425263	48.463	ug/l	100
25) 2-Butanone	4.70	43	960599	245.192	ug/l	98
26) 2,2-Dichloropropane	4.58	77	288522	42.759	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	285492	47.685	ug/l	99
28) Bromochloromethane	5.02	49	193891	50.432	ug/l	97
29) Tetrahydrofuran	5.15	42	632063	248.253	ug/l	98
30) Chloroform	5.21	83	452610	49.264	ug/l	97
31) Cyclohexane	5.57	56	379258	48.560	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	382270	49.089	ug/l	98
36) 1,1-Dichloropropene	5.80	75	328068	47.944	ug/l	98
37) Ethyl Acetate	4.85	43	362814	49.456	ug/l	98
38) Carbon Tetrachloride	5.78	117	327291	47.540	ug/l	97

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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	411610	47.184	ug/l	98
40) Benzene	6.14	78	1012370	48.487	ug/l	99
41) Methacrylonitrile	5.06	41	201979	47.793	ug/l	99
42) 1,2-Dichloroethane	6.20	62	341198	47.290	ug/l	100
43) Isopropyl Acetate	6.46	43	577074	49.870	ug/l	98
44) Trichloroethene	7.21	130	297303	47.518	ug/l	94
45) 1,2-Dichloropropane	7.51	63	256336	48.834	ug/l	97
46) Dibromomethane	7.66	93	184283	49.954	ug/l	99
47) Bromodichloromethane	7.90	83	316721	50.438	ug/l	95
48) Methyl methacrylate	7.77	41	300186	50.515	ug/l	98
49) 1,4-Dioxane	7.76	88	136651	1007.014	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1881397	252.992	ug/l	99
52) Toluene	8.79	92	651911	48.578	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	344252	49.440	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	389316	50.629	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	271703	50.583	ug/l	97
56) Ethyl methacrylate	9.18	69	400663	51.094	ug/l	96
57) 1,3-Dichloropropane	9.37	76	436018	49.548	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1019743	252.924	ug/l	99
59) 2-Hexanone	9.49	43	1419697	250.515	ug/l	99
60) Dibromochloromethane	9.59	129	277151	53.136	ug/l	98
61) 1,2-Dibromoethane	9.67	107	294569	49.814	ug/l	99
64) Tetrachloroethene	9.34	164	287739	46.480	ug/l	96
65) Chlorobenzene	10.14	112	754707	48.393	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	267976	51.080	ug/l	100
67) Ethyl Benzene	10.25	91	1240211	48.171	ug/l	98
68) m/p-Xylenes	10.36	106	985735	97.179	ug/l	100
69) o-Xylene	10.70	106	481027	48.626	ug/l	98
70) Styrene	10.71	104	775213	49.479	ug/l	99
71) Bromoform	10.86	173	199026	43.121	ug/l	100
73) Isopropylbenzene	11.02	105	1261694	48.997	ug/l	100
74) N-amyl acetate	10.90	43	514960	49.669	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	398566	48.754	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	361985m	48.915	ug/l	
77) Bromobenzene	11.26	156	337911	47.625	ug/l	99
78) n-propylbenzene	11.36	91	1411112	49.918	ug/l	99
79) 2-Chlorotoluene	11.42	91	821467	48.274	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1039756	48.323	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	105752	43.646	ug/l	98
82) 4-Chlorotoluene	11.51	91	944425	47.934	ug/l	100
83) tert-Butylbenzene	11.77	119	1058017	49.284	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1066148	49.275	ug/l	100
85) sec-Butylbenzene	11.94	105	1255140	48.956	ug/l	100
86) p-Isopropyltoluene	12.07	119	1132407	49.379	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	607428	47.364	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	602029	49.547	ug/l	100
89) n-Butylbenzene	12.39	91	961235	49.170	ug/l	99
90) Hexachloroethane	12.60	117	167994	46.126	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	603373	47.675	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	81831	50.613	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	419622	48.327	ug/l	99
94) Hexachlorobutadiene	13.79	225	188669	48.964	ug/l	98
95) Naphthalene	13.83	128	1310146	49.794	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	417866	48.445	ug/l	98

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

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