Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010919\
Data File : VX006979.D
Acq On : 09 Jan 2019 21:26
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/10/2019 10:54:20 AM

Quant Time: Jan 10 02:50:05 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	563784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	844172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	757214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	380667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	287322	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.52%			
35) Dibromofluoromethane	5.51	113	263269	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.40%			
50) Toluene-d8	8.71	98	962414	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.28%			
62) 4-Bromofluorobenzene	11.13	95	334420	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	249594	53.911	ug/l	98
3) Chloromethane	1.33	50	272509	50.561	ug/l	98
4) Vinyl Chloride	1.41	62	289795	49.985	ug/l	98
5) Bromomethane	1.64	94	276043	44.564	ug/l	96
6) Chloroethane	1.71	64	186265	46.012	ug/l	96
7) Trichlorofluoromethane	1.93	101	469169	50.084	ug/l	99
8) Diethyl Ether	2.19	74	181986	48.831	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	262718	46.844	ug/l	99
10) Methyl Iodide	2.51	142	414088	54.736	ug/l	100
11) Tert butyl alcohol	3.08	59	306927	220.828	ug/l	100
12) 1,1-Dichloroethene	2.37	96	255789	49.365	ug/l	98
13) Acrolein	2.30	56	141711	236.575	ug/l	97
14) Allyl chloride	2.73	41	427731	48.166	ug/l	98
15) Acrylonitrile	3.15	53	805973	252.602	ug/l	100
16) Acetone	2.45	43	677282	232.517	ug/l	100
17) Carbon Disulfide	2.57	76	627288	47.021	ug/l	100
18) Methyl Acetate	2.78	43	481531	57.085	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	893041	49.656	ug/l	100
20) Methylene Chloride	2.85	84	284782	51.419	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	275904	47.781	ug/l	96
22) Diisopropyl ether	3.87	45	825195	49.428	ug/l	96
23) Vinyl Acetate	3.82	43	3445397	244.717	ug/l	99
24) 1,1-Dichloroethane	3.70	63	460084	49.285	ug/l	100
25) 2-Butanone	4.70	43	1019487	244.608	ug/l	100
26) 2,2-Dichloropropane	4.59	77	309068	43.055	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	307891	48.340	ug/l	99
28) Bromochloromethane	5.02	49	203573	49.773	ug/l	96
29) Tetrahydrofuran	5.15	42	674218	248.920	ug/l	97
30) Chloroform	5.21	83	490247	50.159	ug/l	99
31) Cyclohexane	5.57	56	408146	49.123	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	417248	50.365	ug/l	99
36) 1,1-Dichloropropene	5.80	75	348388	47.468	ug/l	99
37) Ethyl Acetate	4.85	43	390919	49.681	ug/l	98
38) Carbon Tetrachloride	5.78	117	363902	49.281	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	435731	46.569	ug/l	99
40) Benzene	6.15	78	1086282	48.506	ug/l	99
41) Methacrylonitrile	5.06	41	215984	47.648	ug/l	99
42) 1,2-Dichloroethane	6.20	62	370601	47.889	ug/l	99
43) Isopropyl Acetate	6.46	43	624396	50.308	ug/l	98
44) Trichloroethene	7.21	130	315951	47.081	ug/l	98
45) 1,2-Dichloropropane	7.51	63	279222	49.594	ug/l	100
46) Dibromomethane	7.66	93	195733	49.467	ug/l	97
47) Bromodichloromethane	7.90	83	347558	51.604	ug/l	97
48) Methyl methacrylate	7.77	41	320963	50.357	ug/l	98
49) 1,4-Dioxane	7.75	88	122349	839.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1996499	250.302	ug/l	99
52) Toluene	8.79	92	697121	48.432	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	379152	50.768	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	422785	51.261	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	292498	50.769	ug/l	100
56) Ethyl methacrylate	9.18	69	425893	50.637	ug/l	96
57) 1,3-Dichloropropane	9.37	76	467629	49.544	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1067161	246.774	ug/l	99
59) 2-Hexanone	9.49	43	1494429	245.858	ug/l	99
60) Dibromochloromethane	9.59	129	303758	54.297	ug/l	98
61) 1,2-Dibromoethane	9.67	107	317320	50.030	ug/l	100
64) Tetrachloroethene	9.34	164	303404	46.281	ug/l	98
65) Chlorobenzene	10.14	112	796113	48.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	287849	51.811	ug/l	100
67) Ethyl Benzene	10.25	91	1332047	48.856	ug/l	97
68) m/p-Xylenes	10.36	106	1040439	96.858	ug/l	100
69) o-Xylene	10.70	106	507957	48.488	ug/l	98
70) Styrene	10.71	104	824905	49.718	ug/l	100
71) Bromoform	10.86	173	219918	44.788	ug/l	99
73) Isopropylbenzene	11.02	105	1337025	49.810	ug/l	98
74) N-amyl acetate	10.90	43	544749	50.406	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	420983	49.402	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	393277m	50.982	ug/l	
77) Bromobenzene	11.26	156	360340	48.720	ug/l	99
78) n-propylbenzene	11.36	91	1490862	50.594	ug/l	99
79) 2-Chlorotoluene	11.42	91	863369	48.673	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1108868	49.439	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	112247	44.373	ug/l	99
82) 4-Chlorotoluene	11.51	91	1013587	49.352	ug/l	99
83) tert-Butylbenzene	11.77	119	1128830	50.444	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1128867	50.051	ug/l	100
85) sec-Butylbenzene	11.94	105	1329283	49.739	ug/l	100
86) p-Isopropyltoluene	12.07	119	1189171	49.746	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	639510	47.838	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	640966	50.603	ug/l	99
89) n-Butylbenzene	12.39	91	1009532	49.540	ug/l	99
90) Hexachloroethane	12.60	117	184229	48.375	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	636710	48.263	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	88142	52.299	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	440685	48.689	ug/l	99
94) Hexachlorobutadiene	13.78	225	195685	48.720	ug/l	99
95) Naphthalene	13.83	128	1378136	50.248	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	436289	48.524	ug/l	98

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

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