Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031319\
Data File : VX008036.D
Acq On : 13 Mar 2019 09:09
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
3/14/2019 10:17:45 AM

Quant Time: Mar 13 12:02:02 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	253523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	313495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124103	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.80%			
35) Dibromofluoromethane	5.50	113	111610	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.16%			
50) Toluene-d8	8.71	98	417916	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.10%			
62) 4-Bromofluorobenzene	11.13	95	152425	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	103010	47.558	ug/l	99
3) Chloromethane	1.33	50	126155	45.196	ug/l	99
4) Vinyl Chloride	1.41	62	132281	47.695	ug/l	100
5) Bromomethane	1.64	94	63704	48.921	ug/l	99
6) Chloroethane	1.72	64	73602	39.947	ug/l	100
7) Trichlorofluoromethane	1.93	101	162540	45.012	ug/l	96
8) Diethyl Ether	2.19	74	68649	43.902	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104851	46.856	ug/l	98
10) Methyl Iodide	2.51	142	148536	46.790	ug/l	99
11) Tert butyl alcohol	3.07	59	121154	202.568	ug/l	100
12) 1,1-Dichloroethene	2.38	96	96785	44.870	ug/l	95
13) Acrolein	2.30	56	99396	293.398	ug/l	100
14) Allyl chloride	2.73	41	185503	40.927	ug/l	98
15) Acrylonitrile	3.15	53	312052	206.706	ug/l	100
16) Acetone	2.45	43	371977	240.299	ug/l	99
17) Carbon Disulfide	2.57	76	285220	43.485	ug/l	99
18) Methyl Acetate	2.78	43	143803	43.728	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	344668	46.447	ug/l	99
20) Methylene Chloride	2.86	84	108930	44.216	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	106540	44.889	ug/l	96
22) Diisopropyl ether	3.87	45	392194	47.203	ug/l	96
23) Vinyl Acetate	3.82	43	1698347	233.096	ug/l	99
24) 1,1-Dichloroethane	3.70	63	208758	46.689	ug/l	100
25) 2-Butanone	4.70	43	520486	237.499	ug/l	98
26) 2,2-Dichloropropane	4.59	77	158250	53.422	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	128533	47.327	ug/l	99
28) Bromochloromethane	5.02	49	94477	45.323	ug/l	97
29) Tetrahydrofuran	5.15	42	301243	220.368	ug/l	98
30) Chloroform	5.21	83	204232	48.287	ug/l	98
31) Cyclohexane	5.57	56	198837	48.386	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	175151	49.911	ug/l	98
36) 1,1-Dichloropropene	5.80	75	160534	50.380	ug/l	100
37) Ethyl Acetate	4.85	43	173069	45.769	ug/l	99
38) Carbon Tetrachloride	5.78	117	156971	51.889	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	208327	53.955	ug/l		100
40) Benzene	6.14	78	478818	50.474	ug/l		100
41) Methacrylonitrile	5.06	41	98329	47.695	ug/l		98
42) 1,2-Dichloroethane	6.20	62	154810	49.901	ug/l		100
43) Isopropyl Acetate	6.46	43	272957	48.774	ug/l		99
44) Trichloroethene	7.21	130	136130	52.072	ug/l		99
45) 1,2-Dichloropropane	7.51	63	125807	50.212	ug/l		100
46) Dibromomethane	7.66	93	79370	50.056	ug/l		98
47) Bromodichloromethane	7.90	83	153179	50.953	ug/l		100
48) Methyl methacrylate	7.77	41	144082	48.969	ug/l		98
49) 1,4-Dioxane	7.75	88	54807	906.774	ug/l		99
51) 4-Methyl-2-Pentanone	8.65	43	876778	243.616	ug/l		99
52) Toluene	8.78	92	301230	52.011	ug/l		100
53) t-1,3-Dichloropropene	9.04	75	175006	55.774	ug/l		100
54) cis-1,3-Dichloropropene	8.43	75	192882	54.435	ug/l		97
55) 1,1,2-Trichloroethane	9.21	97	122383	52.200	ug/l		98
56) Ethyl methacrylate	9.18	69	185324	52.646	ug/l		98
57) 1,3-Dichloropropane	9.37	76	202575	51.459	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.31	63	529795	290.950	ug/l		98
59) 2-Hexanone	9.49	43	688350	246.350	ug/l		99
60) Dibromochloromethane	9.58	129	129869	52.995	ug/l		99
61) 1,2-Dibromoethane	9.67	107	128572	51.652	ug/l		100
64) Tetrachloroethene	9.33	164	139758	53.796	ug/l		98
65) Chlorobenzene	10.13	112	334849	51.043	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.22	131	122486	52.096	ug/l		99
67) Ethyl Benzene	10.25	91	569037	52.695	ug/l		100
68) m/p-Xylenes	10.36	106	439823	105.667	ug/l		99
69) o-Xylene	10.69	106	210604	52.409	ug/l		100
70) Styrene	10.71	104	355269	54.027	ug/l		99
71) Bromoform	10.85	173	103494	51.258	ug/l	#	100
73) Isopropylbenzene	11.02	105	575214	51.395	ug/l		100
74) N-amyl acetate	10.90	43	236792	46.343	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.27	83	175383	45.429	ug/l		100
76) 1,2,3-Trichloropropane	11.30	75	147092m	42.358	ug/l		
77) Bromobenzene	11.26	156	151712	49.442	ug/l		99
78) n-propylbenzene	11.36	91	656017	52.835	ug/l		99
79) 2-Chlorotoluene	11.42	91	379957	50.049	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	480436	52.155	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.07	75	55408	51.002	ug/l		98
82) 4-Chlorotoluene	11.51	91	445725	51.233	ug/l		100
83) tert-Butylbenzene	11.77	119	470394	50.695	ug/l		98
84) 1,2,4-Trimethylbenzene	11.80	105	490663	51.959	ug/l		100
85) sec-Butylbenzene	11.94	105	585504	53.577	ug/l		99
86) p-Isopropyltoluene	12.06	119	533791	54.540	ug/l		100
87) 1,3-Dichlorobenzene	12.02	146	278408	51.285	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	277939	49.994	ug/l		99
89) n-Butylbenzene	12.38	91	466698	56.285	ug/l		99
90) Hexachloroethane	12.60	117	84679	51.748	ug/l		98
91) 1,2-Dichlorobenzene	12.39	146	267616	49.624	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36136	44.788	ug/l		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	206225	54.434	ug/l	100
94) Hexachlorobutadiene	13.78	225	110605	55.841	ug/l	99
95) Naphthalene	13.83	128	561256	51.416	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	199517	52.866	ug/l	99

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

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