Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101719\
Data File : VX013120.D
Acq On : 17 Oct 2019 20:14
Operator : JC/SP
Sample : K5396-07MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JMW0301CMSD

Manual Integrations APPROVED
MMDadoda
10/18/2019 10:05:15 AM

Quant Time: Oct 18 08:30:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 07:26:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	147631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	242751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	93238	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.06%			
35) Dibromofluoromethane	5.49	113	75607	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.54%			
50) Toluene-d8	8.71	98	276652	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.82%			
62) 4-Bromofluorobenzene	11.14	95	109474	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	66358	44.097	ug/l	97
3) Chloromethane	1.32	50	70523	43.062	ug/l	97
4) Vinyl Chloride	1.40	62	74901	44.310	ug/l	98
5) Bromomethane	1.63	94	33041	47.022	ug/l	97
6) Chloroethane	1.71	64	46985	45.537	ug/l	100
7) Trichlorofluoromethane	1.92	101	117214	51.375	ug/l	98
8) Diethyl Ether	2.18	74	44766	48.610	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	73011	49.446	ug/l	99
10) Methyl Iodide	2.50	142	94537	55.852	ug/l	100
11) Tert butyl alcohol	3.04	59	113052	231.121	ug/l	99
12) 1,1-Dichloroethene	2.36	96	72194	48.391	ug/l	95
13) Acrolein	2.28	56	96775	278.397	ug/l	99
14) Allyl chloride	2.72	41	121708	45.809	ug/l	98
15) Acrylonitrile	3.13	53	230593	248.761	ug/l	99
16) Acetone	2.44	43	197924	203.499	ug/l	98
17) Carbon Disulfide	2.56	76	172948	40.656	ug/l	99
18) Methyl Acetate	2.76	43	106665	46.269	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	271572	52.712	ug/l	96
20) Methylene Chloride	2.84	84	84116	47.059	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	77886	48.708	ug/l	96
22) Diisopropyl ether	3.84	45	252496	49.596	ug/l	94
23) Vinyl Acetate	3.80	43	1042043	237.102	ug/l	100
24) 1,1-Dichloroethane	3.69	63	146330	51.092	ug/l	100
25) 2-Butanone	4.66	43	308485	228.617	ug/l	99
26) 2,2-Dichloropropane	4.57	77	103648	43.036	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	102780	55.763	ug/l	95
28) Bromochloromethane	5.00	49	43787	51.167	ug/l	93
29) Tetrahydrofuran	5.12	42	198836	239.462	ug/l	97
30) Chloroform	5.20	83	149810	50.977	ug/l	99
31) Cyclohexane	5.57	56	120238	44.896	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	136179	54.689	ug/l	99
36) 1,1-Dichloropropene	5.79	75	108761	50.959	ug/l	99
37) Ethyl Acetate	4.82	43	125643	52.647	ug/l	98
38) Carbon Tetrachloride	5.78	117	110175	53.035	ug/l	96

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	7.46	83	125560	48.510 ug/l		96
40) Benzene	6.13	78	330253	52.391 ug/l		99
41) Methacrylonitrile	5.03	41	66645	50.821 ug/l		98
42) 1,2-Dichloroethane	6.18	62	121072	53.526 ug/l		100
43) Isopropyl Acetate	6.43	43	191668	50.038 ug/l		98
44) Trichloroethene	7.21	130	122129	69.868 ug/l		100
45) 1,2-Dichloropropane	7.51	63	84638	52.682 ug/l		99
46) Dibromomethane	7.65	93	59118	55.230 ug/l		99
47) Bromodichloromethane	7.89	83	117090	56.053 ug/l		97
48) Methyl methacrylate	7.76	41	95400	51.108 ug/l		98
49) 1,4-Dioxane	7.73	88	48367	966.771 ug/l		98
51) 4-Methyl-2-Pentanone	8.64	43	614002	257.097 ug/l		98
52) Toluene	8.78	92	214813	53.267 ug/l		97
53) t-1,3-Dichloropropene	9.04	75	126293	48.514 ug/l		98
54) cis-1,3-Dichloropropene	8.43	75	136811	53.251 ug/l		97
55) 1,1,2-Trichloroethane	9.21	97	87094	54.572 ug/l		98
56) Ethyl methacrylate	9.17	69	140809	49.298 ug/l		98
57) 1,3-Dichloropropane	9.37	76	146958	53.232 ug/l		100
59) 2-Hexanone	9.49	43	479649	258.005 ug/l		99
60) Dibromochloromethane	9.58	129	91394	51.406 ug/l		99
61) 1,2-Dibromoethane	9.67	107	91135	54.284 ug/l		100
64) Tetrachloroethene	9.33	164	81376	52.770 ug/l		98
65) Chlorobenzene	10.14	112	228509	51.756 ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.21	131	86117	56.255 ug/l		100
67) Ethyl Benzene	10.25	91	407886	52.009 ug/l		99
68) m/p-Xylenes	10.35	106	307553	104.973 ug/l		100
69) o-Xylene	10.70	106	151943	53.181 ug/l		99
70) Styrene	10.71	104	260056	53.541 ug/l		99
71) Bromoform	10.85	173	63201	48.559 ug/l	#	98
73) Isopropylbenzene	11.01	105	401732	51.258 ug/l		99
74) N-amyl acetate	10.89	43	165004	48.884 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.26	83	138305	53.057 ug/l		98
76) 1,2,3-Trichloropropane	11.29	75	109247m	46.205 ug/l		
77) Bromobenzene	11.25	156	94804	51.332 ug/l		99
78) n-propylbenzene	11.35	91	450099	52.191 ug/l		99
79) 2-Chlorotoluene	11.42	91	280329	51.722 ug/l		99
80) 1,3,5-Trimethylbenzene	11.50	105	343360	52.467 ug/l		97
81) trans-1,4-Dichloro-2-buten	11.07	75	39981	44.015 ug/l		98
82) 4-Chlorotoluene	11.51	91	320281	51.556 ug/l		99
83) tert-Butylbenzene	11.76	119	333977	52.316 ug/l		98
84) 1,2,4-Trimethylbenzene	11.81	105	344153	51.925 ug/l		100
85) sec-Butylbenzene	11.94	105	383430	51.843 ug/l		99
86) p-Isopropyltoluene	12.06	119	355186	51.781 ug/l		100
87) 1,3-Dichlorobenzene	12.02	146	178093	51.927 ug/l		97
88) 1,4-Dichlorobenzene	12.09	146	175605	50.556 ug/l		100
89) n-Butylbenzene	12.39	91	292347	50.711 ug/l		98
90) Hexachloroethane	12.59	117	61090	48.167 ug/l		98
91) 1,2-Dichlorobenzene	12.39	146	181757	54.058 ug/l		98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31910	52.228 ug/l		99
93) 1,2,4-Trichlorobenzene	13.64	180	109066	51.783 ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	47661	49.033	ug/l	98
95) Naphthalene	13.83	128	361195	49.470	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107463	49.373	ug/l	98

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

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