Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100919\
Data File : VX012953.D
Acq On : 09 Oct 2019 19:15
Operator : JC/SP
Sample : K5234-06MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMS

Manual Integrations APPROVED
MMDadoda
10/10/2019 9:33:10 AM

Quant Time: Oct 10 09:16:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	165740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	284539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	109786	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.00%			
35) Dibromofluoromethane	5.49	113	86326	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.72%			
50) Toluene-d8	8.71	98	328163	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.04%			
62) 4-Bromofluorobenzene	11.13	95	127098	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	90677	53.673	ug/l	99
3) Chloromethane	1.31	50	97561	53.062	ug/l	97
4) Vinyl Chloride	1.40	62	98692	52.005	ug/l	98
5) Bromomethane	1.63	94	32092	40.681	ug/l	96
6) Chloroethane	1.71	64	60977	52.584	ug/l	100
7) Trichlorofluoromethane	1.92	101	139914	54.624	ug/l	97
8) Diethyl Ether	2.18	74	54662	52.871	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87741	52.929	ug/l	99
10) Methyl Iodide	2.50	142	88234	47.289	ug/l	99
11) Tert butyl alcohol	3.03	59	136959	249.404	ug/l	99
12) 1,1-Dichloroethene	2.36	96	87889	52.475	ug/l	94
13) Acrolein	2.28	56	86216	220.923	ug/l	99
14) Allyl chloride	2.72	41	156217	52.374	ug/l	99
15) Acrylonitrile	3.13	53	282215	271.185	ug/l	100
16) Acetone	2.43	43	241883	221.524	ug/l	98
17) Carbon Disulfide	2.56	76	235043	49.216	ug/l	100
18) Methyl Acetate	2.76	43	124843	48.237	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	315350	54.521	ug/l	100
20) Methylene Chloride	2.84	84	101376	50.518	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	93916	52.316	ug/l	100
22) Diisopropyl ether	3.84	45	311126	54.436	ug/l	96
23) Vinyl Acetate	3.80	43	1268682	257.129	ug/l	100
24) 1,1-Dichloroethane	3.69	63	174607	54.304	ug/l	99
25) 2-Butanone	4.65	43	391863	258.678	ug/l	99
26) 2,2-Dichloropropane	4.57	77	123254	45.585	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	112037	54.143	ug/l	99
28) Bromochloromethane	5.00	49	53237	55.450	ug/l	99
29) Tetrahydrofuran	5.11	42	253875	272.340	ug/l	99
30) Chloroform	5.20	83	174323	52.837	ug/l	99
31) Cyclohexane	5.57	56	156168	51.941	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	152371	54.506	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129238	51.660	ug/l	99
37) Ethyl Acetate	4.82	43	146057	52.212	ug/l	100
38) Carbon Tetrachloride	5.78	117	127442	52.338	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	7.45	83	155920	51.393 ug/l	97
40) Benzene	6.13	78	394353	53.372 ug/l	99
41) Methacrylonitrile	5.03	41	82752	53.836 ug/l	98
42) 1,2-Dichloroethane	6.19	62	141544	53.387 ug/l	100
43) Isopropyl Acetate	6.44	43	229876	51.199 ug/l	99
44) Trichloroethene	7.20	130	103048	50.294 ug/l	95
45) 1,2-Dichloropropane	7.51	63	100163	53.189 ug/l	99
46) Dibromomethane	7.65	93	68368	54.491 ug/l	98
47) Bromodichloromethane	7.89	83	131523	53.716 ug/l	95
48) Methyl methacrylate	7.76	41	115556	52.815 ug/l	99
49) 1,4-Dioxane	7.73	88	60637	1031.585 ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	753763	269.266 ug/l	100
52) Toluene	8.78	92	249459	52.773 ug/l	98
53) t-1,3-Dichloropropene	9.04	75	141084	46.338 ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	156080	51.829 ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	100297	53.615 ug/l	98
56) Ethyl methacrylate	9.17	69	162759	48.639 ug/l	99
57) 1,3-Dichloropropane	9.37	76	169512	52.384 ug/l	100
59) 2-Hexanone	9.49	43	585412	268.649 ug/l	99
60) Dibromochloromethane	9.58	129	101112	48.624 ug/l	100
61) 1,2-Dibromoethane	9.67	107	105691	53.708 ug/l	98
64) Tetrachloroethene	9.33	164	91609	51.463 ug/l	97
65) Chlorobenzene	10.14	112	263713	51.743 ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	94949	53.731 ug/l	98
67) Ethyl Benzene	10.25	91	474493	52.413 ug/l	99
68) m/p-Xylenes	10.36	106	352008	104.082 ug/l	98
69) o-Xylene	10.70	106	173029	52.463 ug/l	100
70) Styrene	10.71	104	298934	53.317 ug/l	99
71) Bromoform	10.85	173	68428	45.740 ug/l #	100
73) Isopropylbenzene	11.01	105	463008	51.414 ug/l	99
74) N-amyl acetate	10.89	43	191779	49.448 ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	155274	51.841 ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	125619m	46.239 ug/l	
77) Bromobenzene	11.25	156	107821	50.809 ug/l	96
78) n-propylbenzene	11.35	91	514137	51.884 ug/l	99
79) 2-Chlorotoluene	11.42	91	316897	50.885 ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	393312	52.305 ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	46386	44.404 ug/l	98
82) 4-Chlorotoluene	11.51	91	368982	51.692 ug/l	100
83) tert-Butylbenzene	11.77	119	373394	50.904 ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	391476	51.405 ug/l	99
85) sec-Butylbenzene	11.94	105	439097	51.670 ug/l	99
86) p-Isopropyltoluene	12.06	119	405515	51.451 ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	194196	49.279 ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	193097	48.382 ug/l	100
89) n-Butylbenzene	12.39	91	339271	51.217 ug/l	98
90) Hexachloroethane	12.59	117	68321	46.938 ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	194249	50.280 ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37023	52.737 ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	118552	48.986 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	52361	46.881	ug/l	98
95) Naphthalene	13.83	128	430599	51.327	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	123931	49.554	ug/l	98

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

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