Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071719\
Data File : VX010943.D
Acq On : 17 Jul 2019 18:03
Operator : JC/SP
Sample : K3855-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MSD

Manual Integrations APPROVED
MMDadoda
7/22/2019 10:58:17 AM

Quant Time: Jul 18 03:57:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	216020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	325582	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110329	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.02%			
35) Dibromofluoromethane	5.50	113	101149	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.90%			
50) Toluene-d8	8.71	98	377498	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.40%			
62) 4-Bromofluorobenzene	11.13	95	141451	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	112891	49.020	ug/l	99
3) Chloromethane	1.32	50	100446	50.564	ug/l	100
4) Vinyl Chloride	1.41	62	113083	55.809	ug/l	99
5) Bromomethane	1.64	94	56194	49.214	ug/l	99
6) Chloroethane	1.72	64	63490	49.307	ug/l	100
7) Trichlorofluoromethane	1.93	101	176793	51.544	ug/l	100
8) Diethyl Ether	2.19	74	58261	49.300	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98038	50.060	ug/l	98
10) Methyl Iodide	2.51	142	124951	48.620	ug/l	99
11) Tert butyl alcohol	3.05	59	112011	209.284	ug/l	98
12) 1,1-Dichloroethene	2.37	96	95742	49.758	ug/l	98
13) Acrolein	2.29	56	64100	207.291	ug/l	99
14) Allyl chloride	2.73	41	139289	49.837	ug/l	100
15) Acrylonitrile	3.14	53	271865	251.378	ug/l	99
16) Acetone	2.45	43	227339	219.028	ug/l	99
17) Carbon Disulfide	2.57	76	247030	50.050	ug/l	100
18) Methyl Acetate	2.78	43	114683	48.524	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	309687	49.996	ug/l	100
20) Methylene Chloride	2.85	84	106637	48.480	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	101963	49.942	ug/l	96
22) Diisopropyl ether	3.85	45	297962	50.548	ug/l	98
23) Vinyl Acetate	3.81	43	1312113	262.713	ug/l	99
24) 1,1-Dichloroethane	3.70	63	170194	49.716	ug/l	100
25) 2-Butanone	4.67	43	372834	250.232	ug/l	100
26) 2,2-Dichloropropane	4.58	77	131916	46.931	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	122167	51.704	ug/l	98
28) Bromochloromethane	5.02	49	81732	50.665	ug/l	99
29) Tetrahydrofuran	5.13	42	239913	254.200	ug/l	99
30) Chloroform	5.21	83	181740	49.116	ug/l	97
31) Cyclohexane	5.58	56	155167	49.728	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	161288	50.382	ug/l	99
36) 1,1-Dichloropropene	5.80	75	133699	49.993	ug/l	99
37) Ethyl Acetate	4.83	43	142804	52.148	ug/l	100
38) Carbon Tetrachloride	5.79	117	142989	51.310	ug/l	98

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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	170315	49.109	ug/l		99
40) Benzene	6.14	78	408075	49.813	ug/l		98
41) Methacrylonitrile	5.04	41	75148	48.340	ug/l		98
42) 1,2-Dichloroethane	6.20	62	142103	49.889	ug/l		99
43) Isopropyl Acetate	6.45	43	228297	50.700	ug/l		99
44) Trichloroethene	7.21	130	117654	48.519	ug/l		93
45) 1,2-Dichloropropane	7.51	63	104017	49.887	ug/l		99
46) Dibromomethane	7.66	93	75196	50.470	ug/l		99
47) Bromodichloromethane	7.90	83	136576	51.496	ug/l		98
48) Methyl methacrylate	7.77	41	112355	51.220	ug/l		98
49) 1,4-Dioxane	7.74	88	52929	862.607	ug/l		100
51) 4-Methyl-2-Pentanone	8.64	43	758018	259.690	ug/l		100
52) Toluene	8.78	92	267971	49.794	ug/l		99
53) t-1,3-Dichloropropene	9.04	75	149296	52.353	ug/l		95
54) cis-1,3-Dichloropropene	8.43	75	163712	51.592	ug/l		98
55) 1,1,2-Trichloroethane	9.21	97	110893	50.045	ug/l		96
56) Ethyl methacrylate	9.18	69	170830	52.704	ug/l		99
57) 1,3-Dichloropropane	9.37	76	175497	49.925	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.31	63	400409	258.785	ug/l		100
59) 2-Hexanone	9.49	43	593813	262.288	ug/l		99
60) Dibromochloromethane	9.58	129	120519	47.397	ug/l		99
61) 1,2-Dibromoethane	9.67	107	121233	51.553	ug/l		100
64) Tetrachloroethene	9.34	164	113684	48.190	ug/l		98
65) Chlorobenzene	10.13	112	300914	48.856	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.22	131	111668	51.586	ug/l		99
67) Ethyl Benzene	10.25	91	527036	50.271	ug/l		100
68) m/p-Xylenes	10.36	106	402105	99.989	ug/l		100
69) o-Xylene	10.69	106	197709	50.374	ug/l		99
70) Styrene	10.71	104	336769	51.473	ug/l		100
71) Bromoform	10.85	173	91418	46.566	ug/l	#	100
73) Isopropylbenzene	11.02	105	530664	49.641	ug/l		100
74) N-amyl acetate	10.90	43	213994	52.391	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.27	83	175225	50.088	ug/l		100
76) 1,2,3-Trichloropropane	11.29	75	146316m	51.250	ug/l		
77) Bromobenzene	11.26	156	142259	48.245	ug/l		98
78) n-propylbenzene	11.36	91	597777	50.609	ug/l		99
79) 2-Chlorotoluene	11.42	91	352178	49.634	ug/l		100
80) 1,3,5-Trimethylbenzene	11.51	105	449393	50.309	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.07	75	50564	45.280	ug/l		97
82) 4-Chlorotoluene	11.51	91	415572	50.321	ug/l		99
83) tert-Butylbenzene	11.77	119	439917	50.139	ug/l		99
84) 1,2,4-Trimethylbenzene	11.80	105	455840	50.631	ug/l		99
85) sec-Butylbenzene	11.94	105	522379	50.811	ug/l		99
86) p-Isopropyltoluene	12.06	119	483245	50.843	ug/l		100
87) 1,3-Dichlorobenzene	12.02	146	256397	50.105	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	256011	48.781	ug/l		99
89) n-Butylbenzene	12.38	91	418494	51.466	ug/l		100
90) Hexachloroethane	12.59	117	75964	50.672	ug/l		98
91) 1,2-Dichlorobenzene	12.39	146	252229	49.735	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38046	52.027	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	171347	49.853	ug/l	98
94) Hexachlorobutadiene	13.78	225	84713	49.737	ug/l	99
95) Naphthalene	13.83	128	534275	52.641	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	175842	51.419	ug/l	99

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

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