Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
Data File : VX007895.D
Acq On : 07 Mar 2019 20:18
Operator : JC/SP
Sample : K1783-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

Manual Integrations APPROVED
MMDadoda
3/8/2019 9:40:52 AM

Quant Time: Mar 08 07:01:41 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	5.67	168	264421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	390192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	147720	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.92%			
35) Dibromofluoromethane	5.50	113	130927	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.92%			
50) Toluene-d8	8.71	98	481467	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.06%			
62) 4-Bromofluorobenzene	11.13	95	168149	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	108928	48.218	ug/l	100
3) Chloromethane	1.33	50	138688	47.638	ug/l	99
4) Vinyl Chloride	1.41	62	145184	50.190	ug/l	99
5) Bromomethane	1.64	94	68983	50.835	ug/l	99
6) Chloroethane	1.72	64	103585	53.903	ug/l	99
7) Trichlorofluoromethane	1.93	101	188820	50.135	ug/l	98
8) Diethyl Ether	2.19	74	83057	50.927	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	114008	48.849	ug/l	100
10) Methyl Iodide	2.51	142	176357	53.264	ug/l	99
11) Tert butyl alcohol	3.07	59	154709	248.010	ug/l	100
12) 1,1-Dichloroethene	2.37	96	112538	50.023	ug/l	100
13) Acrolein	2.30	56	64473	183.051	ug/l	97
14) Allyl chloride	2.73	41	234660	49.639	ug/l	99
15) Acrylonitrile	3.15	53	386966	245.765	ug/l	100
16) Acetone	2.45	43	316988	196.336	ug/l	99
17) Carbon Disulfide	2.57	76	352276	51.578	ug/l	100
18) Methyl Acetate	2.78	43	160725	46.859	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	394903	51.024	ug/l	100
20) Methylene Chloride	2.86	84	124947	48.627	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	120088	48.512	ug/l	99
22) Diisopropyl ether	3.87	45	433846	50.064	ug/l	98
23) Vinyl Acetate	3.82	43	1729417	227.578	ug/l	99
24) 1,1-Dichloroethane	3.70	63	234551	50.295	ug/l	100
25) 2-Butanone	4.70	43	530157	231.941	ug/l	100
26) 2,2-Dichloropropane	4.59	77	137558	44.523	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	139564	49.270	ug/l	99
28) Bromochloromethane	5.02	49	108506	49.908	ug/l	100
29) Tetrahydrofuran	5.15	42	355642	249.439	ug/l	100
30) Chloroform	5.21	83	222513	50.441	ug/l	98
31) Cyclohexane	5.57	56	215541	50.289	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	187798	51.309	ug/l	99
36) 1,1-Dichloropropene	5.80	75	169667	48.022	ug/l	99
37) Ethyl Acetate	4.85	43	183746	43.825	ug/l	99
38) Carbon Tetrachloride	5.78	117	169554	50.549	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	210539	49.178	ug/l		97
40) Benzene	6.14	78	521802	49.609	ug/l		100
41) Methacrylonitrile	5.06	41	113763	49.768	ug/l		100
42) 1,2-Dichloroethane	6.20	62	170067	49.441	ug/l		100
43) Isopropyl Acetate	6.46	43	297540	47.951	ug/l		100
44) Trichloroethene	7.21	130	140290	48.399	ug/l		99
45) 1,2-Dichloropropane	7.52	63	139312	50.147	ug/l		99
46) Dibromomethane	7.66	93	87695	49.880	ug/l		100
47) Bromodichloromethane	7.90	83	170316	51.096	ug/l		99
48) Methyl methacrylate	7.77	41	163180	50.019	ug/l		100
49) 1,4-Dioxane	7.75	88	64805	967.002	ug/l		99
51) 4-Methyl-2-Pentanone	8.65	43	1000539	250.730	ug/l		100
52) Toluene	8.79	92	319712	49.787	ug/l		100
53) t-1,3-Dichloropropene	9.04	75	180918	52.002	ug/l		99
54) cis-1,3-Dichloropropene	8.43	75	200066	50.923	ug/l		100
55) 1,1,2-Trichloroethane	9.21	97	130577	50.231	ug/l		99
56) Ethyl methacrylate	9.18	69	203358	52.102	ug/l		99
57) 1,3-Dichloropropane	9.37	76	220485	50.514	ug/l		100
59) 2-Hexanone	9.49	43	746853	241.064	ug/l		100
60) Dibromochloromethane	9.59	129	142511	52.449	ug/l		99
61) 1,2-Dibromoethane	9.67	107	137993	49.998	ug/l		100
64) Tetrachloroethene	9.34	164	130181	46.054	ug/l		98
65) Chlorobenzene	10.14	112	347403	48.670	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.22	131	130302	50.934	ug/l		99
67) Ethyl Benzene	10.25	91	588340	50.073	ug/l		99
68) m/p-Xylenes	10.36	106	456117	100.711	ug/l		100
69) o-Xylene	10.70	106	220053	50.327	ug/l		100
70) Styrene	10.71	104	362667	50.687	ug/l		100
71) Bromoform	10.85	173	113596	51.707	ug/l	#	99
73) Isopropylbenzene	11.02	105	588823	50.907	ug/l		100
74) N-amyl acetate	10.90	43	241000	45.640	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193863	48.590	ug/l		100
76) 1,2,3-Trichloropropane	11.29	75	183624m	51.166	ug/l		
77) Bromobenzene	11.26	156	154977	48.871	ug/l		100
78) n-propylbenzene	11.36	91	654801	51.029	ug/l		100
79) 2-Chlorotoluene	11.42	91	387510	49.392	ug/l		100
80) 1,3,5-Trimethylbenzene	11.51	105	483120	50.748	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.07	75	56850	50.636	ug/l		99
82) 4-Chlorotoluene	11.51	91	449094	49.949	ug/l		100
83) tert-Butylbenzene	11.77	119	497710	51.902	ug/l		100
84) 1,2,4-Trimethylbenzene	11.80	105	496893	50.916	ug/l		100
85) sec-Butylbenzene	11.94	105	580758	51.422	ug/l		99
86) p-Isopropyltoluene	12.06	119	521851	51.594	ug/l		100
87) 1,3-Dichlorobenzene	12.02	146	273957	48.832	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	275658	47.979	ug/l		100
89) n-Butylbenzene	12.38	91	437022	50.999	ug/l		99
90) Hexachloroethane	12.60	117	88078	52.083	ug/l		100
91) 1,2-Dichlorobenzene	12.39	146	270703	48.571	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41248	49.468	ug/l		98
93) 1,2,4-Trichlorobenzene	13.65	180	191953	49.027	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	100559	49.125 ug/l	99
95) Naphthalene	13.83	128	572177	50.720 ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	192731	49.415 ug/l	100

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

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