Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
Data File : VX003513.D
Acq On : 20 Jul 2018 16:58
Operator : JC/SP
Sample : J3965-10MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF1-0034MS

Manual Integrations APPROVED
MMDadoda
7/31/2018 2:45:23 PM

Quant Time: Jul 31 09:08:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	282398	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	409901	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	391313	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238462	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	199737	59.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 119.50%				
35) Dibromofluoromethane	5.51	113	168626	54.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.02%				
50) Toluene-d8	8.72	98	633476	53.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.96%				
62) 4-Bromofluorobenzene	11.14	95	231554	54.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.14%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	119731	53.454	ug/l		100
3) Chloromethane	1.32	50	163828	59.169	ug/l		98
4) Vinyl Chloride	1.40	62	177425	49.457	ug/l		100
5) Bromomethane	1.64	94	77391	54.450	ug/l		97
6) Chloroethane	1.71	64	115334	54.330	ug/l		100
7) Trichlorofluoromethane	1.92	101	244224	51.027	ug/l		100
8) Diethyl Ether	2.19	74	108372	52.721	ug/l		91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	152021	48.530	ug/l		97
10) Methyl Iodide	2.51	142	201584	53.568	ug/l		94
11) Tert butyl alcohol	3.08	59	199691	301.887	ug/l		100
12) 1,1-Dichloroethene	2.37	96	148095	51.345	ug/l		91
13) Acrolein	2.29	56	79359	265.528	ug/l		100
14) Allyl chloride	2.73	41	282201	55.269	ug/l		87
15) Acrylonitrile	3.15	53	475133	282.131	ug/l		98
16) Acetone	2.45	43	377212	298.741	ug/l	#	88
17) Carbon Disulfide	2.57	76	405906	52.037	ug/l		98
18) Methyl Acetate	2.78	43	217946	54.752	ug/l		94
19) Methyl tert-butyl Ether	3.21	73	519001	55.104	ug/l		98
20) Methylene Chloride	2.86	84	173461	56.293	ug/l		92
21) trans-1,2-Dichloroethene	3.16	96	162542	50.649	ug/l		95
22) Diisopropyl ether	3.87	45	521788	54.309	ug/l		98
23) Vinyl Acetate	3.82	43	1976299	249.720	ug/l		97
24) 1,1-Dichloroethane	3.70	63	308245	54.682	ug/l		100
25) 2-Butanone	4.71	43	606442	286.255	ug/l		93
26) 2,2-Dichloropropane	4.59	77	194267	45.375	ug/l		95
27) cis-1,2-Dichloroethene	4.60	96	183530	51.362	ug/l		99
28) Bromochloromethane	5.02	49	135428	54.964	ug/l		90
29) Tetrahydrofuran	5.17	42	394744	282.064	ug/l		92
30) Chloroform	5.22	83	296748	53.910	ug/l		97
31) Cyclohexane	5.57	56	260837	51.788	ug/l		95
32) 1,1,1-Trichloroethane	5.49	97	252191	53.502	ug/l		98
36) 1,1-Dichloropropene	5.80	75	216800	48.988	ug/l		98
37) Ethyl Acetate	4.87	43	213956	51.090	ug/l		96
38) Carbon Tetrachloride	5.78	117	221249	50.968	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	251579	47.996	ug/l		94
40) Benzene	6.15	78	680678	50.942	ug/l		99
41) Methacrylonitrile	5.07	41	131342	53.363	ug/l		93
42) 1,2-Dichloroethane	6.20	62	227416	54.018	ug/l		96
43) Isopropyl Acetate	6.47	43	349930	52.529	ug/l		94
44) Trichloroethene	7.21	130	192185	48.229	ug/l		99
45) 1,2-Dichloropropane	7.52	63	176856	52.126	ug/l		99
46) Dibromomethane	7.67	93	115461	52.860	ug/l		98
47) Bromodichloromethane	7.90	83	217874	54.485	ug/l		98
48) Methyl methacrylate	7.78	41	190447	56.690	ug/l		86
49) 1,4-Dioxane	7.76	88	84876	1115.053	ug/l		95
51) 4-Methyl-2-Pentanone	8.65	43	1214340	288.542	ug/l		93
52) Toluene	8.79	92	430876	51.229	ug/l		99
53) t-1,3-Dichloropropene	8.44	75	256935	52.203	ug/l		99
54) cis-1,3-Dichloropropene	9.04	75	237742	53.713	ug/l	#	90
55) 1,1,2-Trichloroethane	9.22	97	176578	52.760	ug/l		97
56) Ethyl methacrylate	9.18	69	264616	56.134	ug/l	#	84
57) 1,3-Dichloropropane	9.37	76	290556	53.708	ug/l		99
59) 2-Hexanone	9.50	43	910403	291.965	ug/l		88
60) Dibromochloromethane	9.59	129	181160	54.686	ug/l		100
61) 1,2-Dibromoethane	9.68	107	185164	53.370	ug/l		100
64) Tetrachloroethene	9.34	164	223767	46.934	ug/l		97
65) Chlorobenzene	10.14	112	492014	48.800	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.23	131	176762	50.956	ug/l		99
67) Ethyl Benzene	10.26	91	818377	50.484	ug/l		100
68) m/p-Xylenes	10.36	106	639675	100.652	ug/l		97
69) o-Xylene	10.70	106	311392	50.669	ug/l		96
70) Styrene	10.71	104	524314	51.867	ug/l		97
71) Bromoform	10.86	173	140859	52.262	ug/l		99
73) Isopropylbenzene	11.02	105	822882	49.896	ug/l		100
74) N-amyl acetate	6.47	43	349930	49.970	ug/l	#	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	251394	52.018	ug/l		99
76) 1,2,3-Trichloropropane	11.30	75	226990m	52.987	ug/l		
77) Bromobenzene	11.26	156	227283	47.916	ug/l		98
78) n-propylbenzene	11.37	91	931408	50.807	ug/l		99
79) 2-Chlorotoluene	11.42	91	557052	50.054	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	695435	51.310	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.08	75	72202	47.969	ug/l		89
82) 4-Chlorotoluene	11.51	91	648884	49.759	ug/l		98
83) tert-Butylbenzene	11.77	119	669670	50.452	ug/l		95
84) 1,2,4-Trimethylbenzene	11.81	105	712030	51.629	ug/l		98
85) sec-Butylbenzene	11.95	105	802893	49.801	ug/l		100
86) p-Isopropyltoluene	12.07	119	732131	50.601	ug/l		98
87) 1,3-Dichlorobenzene	12.03	146	415778	47.685	ug/l		100
88) 1,4-Dichlorobenzene	12.10	146	418778	46.625	ug/l		99
89) n-Butylbenzene	12.39	91	603597	49.129	ug/l		99
90) Hexachloroethane	12.60	117	104412	50.764	ug/l		100
91) 1,2-Dichlorobenzene	12.40	146	421691	49.071	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51185	54.422	ug/l		92
93) 1,2,4-Trichlorobenzene	13.65	180	285285	45.297	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	130150	42.969	ug/l	100
95) Naphthalene	13.83	128	845662	51.099	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	292710	46.948	ug/l	100

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

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