Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
Data File : VX003541.D
Acq On : 21 Jul 2018 06:14
Operator : JC/SP
Sample : J4014-08MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Jul 21 06:44:51 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

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	404632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233690	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	191364	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.40%			
35) Dibromofluoromethane	5.51	113	180927	58.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.42%			
50) Toluene-d8	8.72	98	617100	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.54%			
62) 4-Bromofluorobenzene	11.14	95	225061	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	129949	55.972	ug/l	98
3) Chloromethane	1.32	50	170316	59.312	ug/l	96
4) Vinyl Chloride	1.40	62	184086	49.476	ug/l	92
5) Bromomethane	1.64	94	73435	49.594	ug/l	99
6) Chloroethane	1.72	64	121493	55.182	ug/l	100
7) Trichlorofluoromethane	1.92	101	259564	52.290	ug/l	96
8) Diethyl Ether	2.19	74	115186	54.029	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	163981	50.473	ug/l	97
10) Methyl Iodide	2.51	142	209067	53.567	ug/l	91
11) Tert butyl alcohol	3.07	59	199311	290.520	ug/l	100
12) 1,1-Dichloroethene	2.37	96	158680	53.044	ug/l	95
13) Acrolein	2.29	56	70637	227.880	ug/l	98
14) Allyl chloride	2.73	41	288047	54.394	ug/l #	86
15) Acrylonitrile	3.15	53	487503	279.109	ug/l	97
16) Acetone	2.45	43	405383	309.553	ug/l #	87
17) Carbon Disulfide	2.57	76	436061	53.901	ug/l	100
18) Methyl Acetate	2.78	43	212234	51.407	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	563948	57.732	ug/l	95
20) Methylene Chloride	2.86	84	188836	59.131	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	171751	51.602	ug/l	86
22) Diisopropyl ether	3.87	45	590217	59.231	ug/l	96
23) Vinyl Acetate	3.82	43	1957274	238.458	ug/l	96
24) 1,1-Dichloroethane	3.70	63	341713	58.448	ug/l	99
25) 2-Butanone	4.70	43	651633	296.570	ug/l	93
26) 2,2-Dichloropropane	4.59	77	141125	31.782	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	204933	55.297	ug/l	94
28) Bromochloromethane	5.03	49	149942	58.676	ug/l	92
29) Tetrahydrofuran	5.16	42	417307	287.507	ug/l	91
30) Chloroform	5.22	83	326044	57.111	ug/l	100
31) Cyclohexane	5.57	56	271276	51.932	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	274789	56.208	ug/l	98
36) 1,1-Dichloropropene	5.81	75	231623	53.019	ug/l	97
37) Ethyl Acetate	4.86	43	209610	50.704	ug/l	95
38) Carbon Tetrachloride	5.79	117	236936	55.292	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	246767	47.691	ug/l		95
40) Benzene	6.15	78	686783	52.068	ug/l		100
41) Methacrylonitrile	5.07	41	140392	57.783	ug/l		92
42) 1,2-Dichloroethane	6.20	62	227294	54.692	ug/l		95
43) Isopropyl Acetate	6.46	43	317456	48.275	ug/l		94
44) Trichloroethene	7.21	130	203241	51.668	ug/l		100
45) 1,2-Dichloropropane	7.52	63	176655	52.745	ug/l		100
46) Dibromomethane	7.67	93	114574	53.137	ug/l		97
47) Bromodichloromethane	7.90	83	216208	54.772	ug/l		96
48) Methyl methacrylate	7.78	41	183452	55.319	ug/l		86
49) 1,4-Dioxane	7.76	88	80215	1067.542	ug/l		95
51) 4-Methyl-2-Pentanone	8.65	43	1173298	282.420	ug/l		93
52) Toluene	8.79	92	443177	53.378	ug/l		98
53) t-1,3-Dichloropropene	8.44	75	237851	48.955	ug/l		100
54) cis-1,3-Dichloropropene	9.04	75	220171	50.390	ug/l	#	89
55) 1,1,2-Trichloroethane	9.22	97	175496	53.120	ug/l		92
56) Ethyl methacrylate	9.18	69	254449	54.680	ug/l	#	82
57) 1,3-Dichloropropane	9.37	76	289549	54.218	ug/l		99
59) 2-Hexanone	9.50	43	873827	283.885	ug/l		90
60) Dibromochloromethane	9.59	129	184632	56.460	ug/l		98
61) 1,2-Dibromoethane	9.68	107	179696	52.468	ug/l		99
64) Tetrachloroethene	9.34	164	232343	49.610	ug/l		97
65) Chlorobenzene	10.14	112	485661	49.036	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.23	131	176625	51.832	ug/l		99
67) Ethyl Benzene	10.26	91	811036	50.930	ug/l		100
68) m/p-Xylenes	10.36	106	639010	102.355	ug/l		97
69) o-Xylene	10.70	106	309229	51.222	ug/l		97
70) Styrene	10.71	104	521244	52.491	ug/l		97
71) Bromoform	10.86	173	139587	52.721	ug/l		100
73) Isopropylbenzene	11.02	105	827964	51.229	ug/l		100
74) N-amyl acetate	6.46	43	317456	46.259	ug/l	#	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	241002	50.886	ug/l		100
76) 1,2,3-Trichloropropane	11.30	75	245195m	58.405	ug/l		
77) Bromobenzene	11.26	156	230023	49.484	ug/l		96
78) n-propylbenzene	11.36	91	919530	51.183	ug/l		99
79) 2-Chlorotoluene	11.42	91	557278	51.097	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	689622	51.920	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.08	75	60418	41.306	ug/l		90
82) 4-Chlorotoluene	11.51	91	647836	50.694	ug/l		98
83) tert-Butylbenzene	11.77	119	660881	50.807	ug/l		96
84) 1,2,4-Trimethylbenzene	11.81	105	707968	52.382	ug/l		98
85) sec-Butylbenzene	11.95	105	796360	50.404	ug/l		99
86) p-Isopropyltoluene	12.07	119	711491	50.179	ug/l		98
87) 1,3-Dichlorobenzene	12.03	146	409485	47.923	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	409242	46.494	ug/l		99
89) n-Butylbenzene	12.39	91	589334	48.947	ug/l		99
90) Hexachloroethane	12.60	117	102422	50.814	ug/l		99
91) 1,2-Dichlorobenzene	12.40	146	417683	49.597	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47995	52.073	ug/l		90
93) 1,2,4-Trichlorobenzene	13.65	180	283880	45.994	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	128764	43.379	ug/l	99
95) Naphthalene	13.83	128	829272	51.131	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	290339	47.519	ug/l	100

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

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