Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004760.D
Acq On : 27 Sep 2018 08:12
Operator : JC/MD
Sample : J5029-09MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-MW-4-9.0-092018MSD

Manual Integrations APPROVED
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9/27/2018 12:51:14 PM

Quant Time: Sep 27 09:07:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	282666	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	435228	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	400260	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236343	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	201448	49.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.78%				
35) Dibromofluoromethane	5.49	113	172359	46.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.46%				
50) Toluene-d8	8.72	98	618808	50.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.92%				
62) 4-Bromofluorobenzene	11.14	95	229516	51.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	176392	45.768	ug/l		100
3) Chloromethane	1.32	50	222440	47.572	ug/l		98
4) Vinyl Chloride	1.40	62	239931	54.709	ug/l		90
5) Bromomethane	1.64	94	101540	39.045	ug/l		100
6) Chloroethane	1.72	64	137785	58.024	ug/l		92
7) Trichlorofluoromethane	1.93	101	268666	49.485	ug/l		100
8) Diethyl Ether	2.19	74	122172	51.798	ug/l		93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	126749	40.984	ug/l		97
10) Methyl Iodide	2.51	142	127776	30.875	ug/l		99
11) Tert butyl alcohol	3.07	59	268977	238.237	ug/l		100
12) 1,1-Dichloroethene	2.37	96	153188	50.016	ug/l		94
13) Acrolein	2.30	56	662	0.824	ug/l	#	64
14) Allyl chloride	2.73	41	331233	49.566	ug/l		95
15) Acrylonitrile	3.15	53	634353	255.229	ug/l		98
16) Acetone	2.45	43	573549	243.298	ug/l		91
17) Carbon Disulfide	2.57	76	474021	51.506	ug/l		97
18) Methyl Acetate	2.78	43	314116	52.592	ug/l		95
19) Methyl tert-butyl Ether	3.20	73	706489	66.873	ug/l		98
20) Methylene Chloride	2.85	84	194060	56.731	ug/l		93
21) trans-1,2-Dichloroethene	3.17	96	171479	51.146	ug/l		98
22) Diisopropyl ether	3.88	45	629780	55.965	ug/l		94
23) Vinyl Acetate	3.83	43	2825849	274.337	ug/l		96
24) 1,1-Dichloroethane	3.70	63	336587	50.142	ug/l		99
25) 2-Butanone	4.70	43	897441	258.266	ug/l		92
26) 2,2-Dichloropropane	4.59	77	143414	30.681	ug/l		93
27) cis-1,2-Dichloroethene	4.59	96	208346	55.626	ug/l		99
28) Bromochloromethane	5.02	49	172004	54.414	ug/l		88
29) Tetrahydrofuran	5.15	42	580699	268.872	ug/l		95
30) Chloroform	5.22	83	334984	52.803	ug/l		96
31) Cyclohexane	5.58	56	269022	52.363	ug/l	#	80
32) 1,1,1-Trichloroethane	5.49	97	265101	51.167	ug/l		99
36) 1,1-Dichloropropene	5.80	75	233928	46.482	ug/l		99
37) Ethyl Acetate	4.86	43	331318	49.596	ug/l		98
38) Carbon Tetrachloride	5.77	117	227534	43.010	ug/l	#	82

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	226533	44.082	ug/l		97
40) Benzene	6.15	78	738027	46.842	ug/l		100
41) Methacrylonitrile	5.06	41	179215	48.374	ug/l		99
42) 1,2-Dichloroethane	6.21	62	259564	46.602	ug/l		97
43) Isopropyl Acetate	6.46	43	494168	51.251	ug/l		97
44) Trichloroethene	7.21	130	193293	49.905	ug/l		93
45) 1,2-Dichloropropane	7.52	63	192745	49.885	ug/l		98
46) Dibromomethane	7.66	93	124100	51.107	ug/l		98
47) Bromodichloromethane	7.90	83	233307	51.318	ug/l		99
48) Methyl methacrylate	7.77	41	244844	55.947	ug/l		94
49) 1,4-Dioxane	7.75	88	96040	883.318	ug/l		96
51) 4-Methyl-2-Pentanone	8.65	43	1620202	266.872	ug/l		96
52) Toluene	8.79	92	442658	51.130	ug/l		97
53) t-1,3-Dichloropropene	9.04	75	252185	49.087	ug/l		100
54) cis-1,3-Dichloropropene	8.44	75	267513	49.713	ug/l		99
55) 1,1,2-Trichloroethane	9.22	97	185393	48.887	ug/l		98
56) Ethyl methacrylate	9.18	69	302844	49.258	ug/l		95
57) 1,3-Dichloropropane	9.37	76	314011	49.752	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.26	63	2682	15.016	ug/l	#	45
59) 2-Hexanone	9.50	43	1264357	249.915	ug/l		95
60) Dibromochloromethane	9.59	129	190144	50.136	ug/l		100
61) 1,2-Dibromoethane	9.68	107	193153	47.559	ug/l		98
64) Tetrachloroethene	9.34	164	174569	44.313	ug/l		97
65) Chlorobenzene	10.14	112	493290	48.061	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.23	131	178679	49.519	ug/l		99
67) Ethyl Benzene	10.26	91	837760	51.412	ug/l		98
68) m/p-Xylenes	10.36	106	646455	101.522	ug/l		96
69) o-Xylene	10.70	106	320382	54.779	ug/l		98
70) Styrene	10.71	104	533929	48.862	ug/l		98
71) Bromoform	10.86	173	154981	50.169	ug/l		100
73) Isopropylbenzene	11.02	105	859373	57.688	ug/l		100
74) N-amyl acetate	10.90	43	434443	52.951	ug/l		93
75) 1,1,2,2-Tetrachloroethane	11.27	83	295914	48.798	ug/l		100
76) 1,2,3-Trichloropropane	11.30	75	272236m	51.391	ug/l		
77) Bromobenzene	11.26	156	227973	52.687	ug/l		98
78) n-propylbenzene	11.36	91	956529	55.962	ug/l		100
79) 2-Chlorotoluene	11.42	91	571024	53.597	ug/l		98
80) 1,3,5-Trimethylbenzene	11.51	105	699523	51.238	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.07	75	75387	39.259	ug/l		98
82) 4-Chlorotoluene	11.51	91	666746	53.168	ug/l		100
83) tert-Butylbenzene	11.77	119	703309	57.342	ug/l		98
84) 1,2,4-Trimethylbenzene	11.81	105	727083	51.644	ug/l		99
85) sec-Butylbenzene	11.94	105	864415	57.861	ug/l		100
86) p-Isopropyltoluene	12.07	119	734014	54.230	ug/l		99
87) 1,3-Dichlorobenzene	12.02	146	407314	50.412	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	413318	49.555	ug/l		99
89) n-Butylbenzene	12.39	91	663900	54.008	ug/l		97
90) Hexachloroethane	12.60	117	117574	52.172	ug/l		100
91) 1,2-Dichlorobenzene	12.39	146	414584	49.100	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	71211	53.483	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	313234	52.884	ug/l	97
94) Hexachlorobutadiene	13.79	225	134381	43.752	ug/l	97
95) Naphthalene	13.83	128	1042974	53.009	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	319680	52.247	ug/l	98

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

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