Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120518\
Data File : VX006290.D
Acq On : 05 Dec 2018 10:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 06 00:23:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
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12/7/2018 10:41:46 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	743188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1094324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	960487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	501639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	393610	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.76%			
35) Dibromofluoromethane	5.50	113	378874	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.94%			
50) Toluene-d8	8.71	98	1334437	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.56%			
62) 4-Bromofluorobenzene	11.13	95	502076	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	402545	55.319	ug/l	98
3) Chloromethane	1.33	50	357064	47.749	ug/l	98
4) Vinyl Chloride	1.41	62	393705	48.919	ug/l	99
5) Bromomethane	1.64	94	249387	44.712	ug/l	98
6) Chloroethane	1.71	64	249446	50.550	ug/l	99
7) Trichlorofluoromethane	1.93	101	627227	50.771	ug/l	100
8) Diethyl Ether	2.19	74	232986	49.830	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	367583	52.326	ug/l	99
10) Methyl Iodide	2.51	142	416408	39.333	ug/l	98
11) Tert butyl alcohol	3.07	59	455697	219.633	ug/l	99
12) 1,1-Dichloroethene	2.37	96	336184	49.991	ug/l	95
13) Acrolein	2.29	56	259477	228.813	ug/l	100
14) Allyl chloride	2.73	41	623727	46.952	ug/l	99
15) Acrylonitrile	3.15	53	1011741	233.679	ug/l	100
16) Acetone	2.45	43	783396	220.029	ug/l	98
17) Carbon Disulfide	2.57	76	960364	46.345	ug/l	100
18) Methyl Acetate	2.78	43	574303	48.233	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1170566	48.794	ug/l	98
20) Methylene Chloride	2.85	84	361551	47.714	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	356250	49.711	ug/l	93
22) Diisopropyl ether	3.87	45	1064899	51.322	ug/l	97
23) Vinyl Acetate	3.82	43	4442460	251.022	ug/l	99
24) 1,1-Dichloroethane	3.70	63	629421	53.072	ug/l	98
25) 2-Butanone	4.70	43	1197958	235.809	ug/l	100
26) 2,2-Dichloropropane	4.58	77	579184	52.916	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	419982	52.539	ug/l	98
28) Bromochloromethane	5.02	49	276784	53.430	ug/l	98
29) Tetrahydrofuran	5.15	42	834413	236.328	ug/l	98
30) Chloroform	5.21	83	644448	51.708	ug/l	98
31) Cyclohexane	5.57	56	555247	50.660	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	611219	51.544	ug/l	100
36) 1,1-Dichloropropene	5.80	75	485724	52.708	ug/l	99
37) Ethyl Acetate	4.85	43	492723	47.745	ug/l	98
38) Carbon Tetrachloride	5.78	117	565167	52.132	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	646230	54.024	ug/l		98
40) Benzene	6.14	78	1441406	52.224	ug/l		97
41) Methacrylonitrile	5.06	41	274074	48.264	ug/l		100
42) 1,2-Dichloroethane	6.20	62	471446	52.190	ug/l		99
43) Isopropyl Acetate	6.46	43	834469	48.498	ug/l		99
44) Trichloroethene	7.21	130	440896	52.730	ug/l		96
45) 1,2-Dichloropropane	7.51	63	357979	51.032	ug/l		97
46) Dibromomethane	7.66	93	263055	51.923	ug/l		99
47) Bromodichloromethane	7.90	83	517373	52.734	ug/l		100
48) Methyl methacrylate	7.77	41	406810	48.599	ug/l		98
49) 1,4-Dioxane	7.75	88	199869	968.789	ug/l		98
51) 4-Methyl-2-Pentanone	8.65	43	2407733	240.375	ug/l		99
52) Toluene	8.78	92	928831	51.152	ug/l		99
53) t-1,3-Dichloropropene	9.04	75	576921	50.281	ug/l		98
54) cis-1,3-Dichloropropene	8.43	75	610312	51.225	ug/l		99
55) 1,1,2-Trichloroethane	9.21	97	383287	51.957	ug/l		98
56) Ethyl methacrylate	9.18	69	575605	49.911	ug/l		98
57) 1,3-Dichloropropane	9.37	76	603792	51.760	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.31	63	1466282	250.551	ug/l		99
59) 2-Hexanone	9.49	43	1791039	234.040	ug/l		98
60) Dibromochloromethane	9.58	129	465562	51.180	ug/l		100
61) 1,2-Dibromoethane	9.67	107	418305	50.712	ug/l		99
64) Tetrachloroethene	9.34	164	381730	52.774	ug/l		99
65) Chlorobenzene	10.14	112	1086953	53.311	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.22	131	414147	52.279	ug/l		99
67) Ethyl Benzene	10.25	91	1807383	53.298	ug/l		100
68) m/p-Xylenes	10.36	106	1444695	106.355	ug/l		99
69) o-Xylene	10.70	106	705092	52.550	ug/l		100
70) Styrene	10.71	104	1147750	52.889	ug/l		99
71) Bromoform	10.86	173	376036	50.285	ug/l		100
73) Isopropylbenzene	11.02	105	1882846	54.351	ug/l		100
74) N-amyl acetate	10.90	43	722418	48.427	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.27	83	563286	50.825	ug/l		99
76) 1,2,3-Trichloropropane	11.30	75	534015m	55.153	ug/l		
77) Bromobenzene	11.26	156	506008	52.633	ug/l		99
78) n-propylbenzene	11.36	91	2118017	55.001	ug/l		100
79) 2-Chlorotoluene	11.42	91	1223327	53.449	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	1553589	53.900	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.07	75	204225	49.498	ug/l	#	82
82) 4-Chlorotoluene	11.51	91	1425826	53.580	ug/l		100
83) tert-Butylbenzene	11.77	119	1652152	53.722	ug/l		99
84) 1,2,4-Trimethylbenzene	11.80	105	1595790	53.617	ug/l		100
85) sec-Butylbenzene	11.94	105	1940231	55.456	ug/l		100
86) p-Isopropyltoluene	12.07	119	1742761	55.318	ug/l		100
87) 1,3-Dichlorobenzene	12.02	146	913382	53.393	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	913931	52.637	ug/l		99
89) n-Butylbenzene	12.39	91	1503678	55.939	ug/l		99
90) Hexachloroethane	12.60	117	343877	53.556	ug/l		98
91) 1,2-Dichlorobenzene	12.39	146	884174	52.079	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	132785	46.739	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)
93) 1,2,4-Trichlorobenzene	13.65	180	661476	53.404	ug/l	100
94) Hexachlorobutadiene	13.78	225	316255	57.735	ug/l	100
95) Naphthalene	13.83	128	1997815	51.852	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	648749	52.880	ug/l	99

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

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