Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
Data File : VU027013.D
Acq On : 22 Sep 2018 14:04
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Sep 24 04:29:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	82285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	135838	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	133026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	73912	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.26%			
35) Dibromofluoromethane	4.88	113	51965	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.26%			
50) Toluene-d8	7.57	98	205033	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.38%			
62) 4-Bromofluorobenzene	10.31	95	75290	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	47161	43.898	ug/l	99
3) Chloromethane	1.33	50	77846	42.027	ug/l	99
4) Vinyl Chloride	1.40	62	74880	43.308	ug/l	100
5) Bromomethane	1.62	94	42718	43.386	ug/l	99
6) Chloroethane	1.69	64	49222	44.555	ug/l	99
7) Trichlorofluoromethane	1.88	101	87390	44.502	ug/l	96
8) Diethyl Ether	2.10	74	42068	44.506	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	52101	43.150	ug/l	98
10) Methyl Iodide	2.41	142	54748	36.559	ug/l	100
11) Tert butyl alcohol	2.83	59	87343	230.095	ug/l	99
12) 1,1-Dichloroethene	2.28	96	50323	44.280	ug/l	99
13) Acrolein	2.19	56	43450	212.338	ug/l	99
14) Allyl chloride	2.59	41	112484	48.799	ug/l	97
15) Acrylonitrile	2.94	53	225545	235.747	ug/l	100
16) Acetone	2.32	43	233587	266.629	ug/l	98
17) Carbon Disulfide	2.48	76	159785	43.159	ug/l	99
18) Methyl Acetate	2.61	43	111565	47.329	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	200092	47.911	ug/l	99
20) Methylene Chloride	2.70	84	64635	43.579	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	55244	45.529	ug/l	99
22) Diisopropyl ether	3.57	45	248339	50.370	ug/l	98
23) Vinyl Acetate	3.52	43	1048184	249.408	ug/l	100
24) 1,1-Dichloroethane	3.45	63	125726	46.301	ug/l	99
25) 2-Butanone	4.26	43	332639	239.002	ug/l	98
26) 2,2-Dichloropropane	4.23	77	97588	46.082	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	62918	45.915	ug/l	96
28) Bromochloromethane	4.55	49	53508	40.878	ug/l	96
29) Tetrahydrofuran	4.64	42	205399	243.960	ug/l	99
30) Chloroform	4.67	83	112931	44.804	ug/l	100
31) Cyclohexane	5.00	56	114996	46.548	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	92078	45.754	ug/l	99
36) 1,1-Dichloropropene	5.14	75	87832	48.448	ug/l	98
37) Ethyl Acetate	4.38	43	114206	46.535	ug/l	99
38) Carbon Tetrachloride	5.13	117	77157	44.723	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	6.42	83	99751	50.632	ug/l		98
40) Benzene	5.39	78	256694	46.577	ug/l		99
41) Methacrylonitrile	4.54	41	65459	51.357	ug/l		98
42) 1,2-Dichloroethane	5.40	62	99027	47.558	ug/l		99
43) Isopropyl Acetate	5.55	43	178348	49.830	ug/l		99
44) Trichloroethene	6.19	130	54571	46.511	ug/l		98
45) 1,2-Dichloropropane	6.43	63	74698	47.568	ug/l		100
46) Dibromomethane	6.56	93	43432	45.795	ug/l		98
47) Bromodichloromethane	6.76	83	86434	45.071	ug/l		98
48) Methyl methacrylate	6.62	41	89837	46.195	ug/l		100
49) 1,4-Dioxane	6.61	88	36815	951.509	ug/l		99
51) 4-Methyl-2-Pentanone	7.46	43	605393	251.493	ug/l		100
52) Toluene	7.64	92	150937	47.779	ug/l		98
53) t-1,3-Dichloropropene	7.88	75	101828	49.421	ug/l		98
54) cis-1,3-Dichloropropene	7.27	75	108593	47.933	ug/l		100
55) 1,1,2-Trichloroethane	8.07	97	62276	46.525	ug/l		100
56) Ethyl methacrylate	8.02	69	103940	44.983	ug/l		98
57) 1,3-Dichloropropane	8.24	76	117849	47.336	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.13	63	263415	200.822	ug/l		100
59) 2-Hexanone	8.36	43	468665	248.720	ug/l		100
60) Dibromochloromethane	8.48	129	61535	46.866	ug/l		97
61) 1,2-Dibromoethane	8.59	107	64912	46.608	ug/l		99
64) Tetrachloroethene	8.23	164	45802	44.682	ug/l		98
65) Chlorobenzene	9.12	112	157964	44.785	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.21	131	56172	46.236	ug/l		99
67) Ethyl Benzene	9.25	91	286138	49.333	ug/l		99
68) m/p-Xylenes	9.38	106	215893	92.032	ug/l		99
69) o-Xylene	9.78	106	103593	50.409	ug/l		100
70) Styrene	9.79	104	170831	44.719	ug/l		100
71) Bromoform	9.96	173	43675	46.488	ug/l	#	99
73) Isopropylbenzene	10.17	105	279092	48.604	ug/l		100
74) N-amyl acetate	10.02	43	160163	48.187	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.46	83	108942	41.265	ug/l		100
76) 1,2,3-Trichloropropane	10.49	75	94549m	41.229	ug/l		
77) Bromobenzene	10.45	156	61918	44.126	ug/l		95
78) n-propylbenzene	10.59	91	339957	50.036	ug/l		100
79) 2-Chlorotoluene	10.66	91	200669	47.021	ug/l		100
80) 1,3,5-Trimethylbenzene	10.77	105	234519	49.477	ug/l		100
81) trans-1,4-Dichloro-2-buten	10.51	75	32811m	45.787	ug/l		
82) 4-Chlorotoluene	10.77	91	232861	48.662	ug/l		98
83) tert-Butylbenzene	11.10	119	223193	47.627	ug/l		99
84) 1,2,4-Trimethylbenzene	11.15	105	241771	50.120	ug/l		99
85) sec-Butylbenzene	11.32	105	284315	49.701	ug/l		99
86) p-Isopropyltoluene	11.48	119	244643	45.659	ug/l		100
87) 1,3-Dichlorobenzene	11.42	146	116017	44.431	ug/l		99
88) 1,4-Dichlorobenzene	11.51	146	119078	41.842	ug/l		99
89) n-Butylbenzene	11.89	91	227702	44.059	ug/l		99
90) Hexachloroethane	12.15	117	44652	42.924	ug/l		100
91) 1,2-Dichlorobenzene	11.88	146	115960	41.807	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	23521	43.672	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	74754	46.768	ug/l	99
94) Hexachlorobutadiene	13.69	225	38446	45.458	ug/l	99
95) Naphthalene	13.75	128	265384	42.719	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	79524	46.394	ug/l	100

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

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