Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070318\
Data File : VU025181.D
Acq On : 03 Jul 2018 09:55
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
sam
7/5/2018 2:29:58 PM

Quant Time: Jul 04 05:09:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	183826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	268595	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	133262	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.82%			
35) Dibromofluoromethane	4.88	113	110810	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.42%			
50) Toluene-d8	7.57	98	355402	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.42%			
62) 4-Bromofluorobenzene	10.31	95	155577	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	93084	40.455	ug/l	99
3) Chloromethane	1.33	50	95101	40.456	ug/l	99
4) Vinyl Chloride	1.40	62	106306	43.851	ug/l	98
5) Bromomethane	1.61	94	61159	52.186	ug/l	99
6) Chloroethane	1.69	64	68680	50.714	ug/l	99
7) Trichlorofluoromethane	1.88	101	178864	48.346	ug/l	97
8) Diethyl Ether	2.10	74	65500	52.103	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	108103	47.099	ug/l	96
10) Methyl Iodide	2.41	142	110652	56.228	ug/l	97
11) Tert butyl alcohol	2.82	59	159634	218.716	ug/l	100
12) 1,1-Dichloroethene	2.28	96	99119	47.354	ug/l	97
13) Acrolein	2.19	56	55487	144.771	ug/l	99
14) Allyl chloride	2.59	41	173118	44.545	ug/l	99
15) Acrylonitrile	2.93	53	329923	232.333	ug/l	99
16) Acetone	2.32	43	397826	246.724	ug/l	99
17) Carbon Disulfide	2.48	76	272163	40.608	ug/l	99
18) Methyl Acetate	2.61	43	193948	56.107	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	390792	49.668	ug/l	96
20) Methylene Chloride	2.70	84	117601	46.482	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	108953	47.261	ug/l	95
22) Diisopropyl ether	3.57	45	369584	47.972	ug/l	95
23) Vinyl Acetate	3.52	43	1563121	226.495	ug/l	98
24) 1,1-Dichloroethane	3.45	63	211617	47.748	ug/l	99
25) 2-Butanone	4.26	43	511483	236.157	ug/l	97
26) 2,2-Dichloropropane	4.23	77	205105	48.737	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	130332	49.175	ug/l	98
28) Bromochloromethane	4.55	49	82423	42.222	ug/l	84
29) Tetrahydrofuran	4.64	42	302872	225.814	ug/l	97
30) Chloroform	4.68	83	225562	50.282	ug/l	97
31) Cyclohexane	5.00	56	190873	48.435	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	205761	49.602	ug/l	96
36) 1,1-Dichloropropene	5.14	75	163767	51.887	ug/l	98
37) Ethyl Acetate	4.38	43	174976	50.865	ug/l	97
38) Carbon Tetrachloride	5.14	117	183368	52.832	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	6.42	83	205009	52.050	ug/l		94
40) Benzene	5.39	78	462162	51.389	ug/l		100
41) Methacrylonitrile	4.54	41	98894	53.320	ug/l		98
42) 1,2-Dichloroethane	5.41	62	190224	55.535	ug/l		99
43) Isopropyl Acetate	5.54	43	288611	48.537	ug/l		99
44) Trichloroethene	6.19	130	132810	51.889	ug/l		95
45) 1,2-Dichloropropane	6.44	63	124253	51.779	ug/l		98
46) Dibromomethane	6.56	93	89334	53.000	ug/l		94
47) Bromodichloromethane	6.76	83	171265	51.026	ug/l		99
48) Methyl methacrylate	6.62	41	149825	51.745	ug/l		99
49) 1,4-Dioxane	6.61	88	67036	1183.869	ug/l		93
51) 4-Methyl-2-Pentanone	7.46	43	921309	246.620	ug/l		98
52) Toluene	7.64	92	305528	52.804	ug/l		98
53) t-1,3-Dichloropropene	7.88	75	191377	50.773	ug/l		100
54) cis-1,3-Dichloropropene	7.27	75	201140	50.080	ug/l		98
55) 1,1,2-Trichloroethane	8.07	97	122488	52.079	ug/l		96
56) Ethyl methacrylate	8.02	69	196201	49.841	ug/l		98
57) 1,3-Dichloropropane	8.25	76	209417	52.782	ug/l		98
58) 2-Chloroethyl Vinyl ether	7.13	63	414977	275.161	ug/l		94
59) 2-Hexanone	8.36	43	747009	244.931	ug/l		98
60) Dibromochloromethane	8.48	129	144296	49.199	ug/l		100
61) 1,2-Dibromoethane	8.59	107	134563	51.403	ug/l		97
64) Tetrachloroethene	8.23	164	128510	53.172	ug/l		97
65) Chlorobenzene	9.12	112	347631	53.519	ug/l		100
66) 1,1,1,2-Tetrachloroethane	9.21	131	128621	52.121	ug/l		97
67) Ethyl Benzene	9.25	91	612584	53.797	ug/l		99
68) m/p-Xylenes	9.38	106	475594	108.766	ug/l		97
69) o-Xylene	9.78	106	232396	53.703	ug/l		97
70) Styrene	9.80	104	375151	52.753	ug/l		99
71) Bromoform	9.96	173	113456	48.370	ug/l	#	99
73) Isopropylbenzene	10.17	105	634916	52.540	ug/l		100
74) N-amyl acetate	10.01	43	258717	45.011	ug/l		97
75) 1,1,2,2-Tetrachloroethane	10.46	83	200886	49.607	ug/l		99
76) 1,2,3-Trichloropropane	10.50	75	172601m	49.808	ug/l		
77) Bromobenzene	10.45	156	158240	51.724	ug/l		94
78) n-propylbenzene	10.59	91	723260	50.808	ug/l		97
79) 2-Chlorotoluene	10.66	91	430351	51.264	ug/l		99
80) 1,3,5-Trimethylbenzene	10.78	105	546164	52.144	ug/l		99
81) trans-1,4-Dichloro-2-buten	10.51	75	67525m	45.098	ug/l		
82) 4-Chlorotoluene	10.77	91	500834	51.259	ug/l		100
83) tert-Butylbenzene	11.10	119	540671	53.663	ug/l		99
84) 1,2,4-Trimethylbenzene	11.15	105	567083	53.127	ug/l		100
85) sec-Butylbenzene	11.33	105	656467	52.053	ug/l		98
86) p-Isopropyltoluene	11.48	119	590805	52.306	ug/l		99
87) 1,3-Dichlorobenzene	11.42	146	296244	52.413	ug/l		100
88) 1,4-Dichlorobenzene	11.51	146	302984	53.259	ug/l		98
89) n-Butylbenzene	11.89	91	495330	49.395	ug/l		97
90) Hexachloroethane	12.15	117	101591	46.106	ug/l		98
91) 1,2-Dichlorobenzene	11.88	146	303785	53.660	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50651	45.330	ug/l		89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	198594	56.806	ug/l	99
94) Hexachlorobutadiene	13.70	225	109338	55.566	ug/l	99
95) Naphthalene	13.74	128	615891	53.172	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	205085	58.873	ug/l	99

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

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