Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
Data File : VU026974.D
Acq On : 21 Sep 2018 18:09
Operator : MD/SY
Sample : VU0922WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS01

Manual Integrations APPROVED
MMDadoda
9/24/2018 2:14:11 PM

Quant Time: Sep 22 01:46:47 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.99	168	94024	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.89	114	157387	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	151149	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	80303	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.31	65	87899	46.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.90%				
35) Dibromofluoromethane	4.88	113	64368	47.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.36%				
50) Toluene-d8	7.57	98	249868	48.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.12%				
62) 4-Bromofluorobenzene	10.31	95	86227	48.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.66%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	22468	18.302	ug/l		99
3) Chloromethane	1.33	50	37218	17.584	ug/l		99
4) Vinyl Chloride	1.40	62	35090	17.761	ug/l		100
5) Bromomethane	1.62	94	21106	18.760	ug/l		96
6) Chloroethane	1.70	64	23739	18.806	ug/l		99
7) Trichlorofluoromethane	1.89	101	41815	18.635	ug/l		98
8) Diethyl Ether	2.11	74	20267	18.765	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	25633	18.579	ug/l		97
10) Methyl Iodide	2.41	142	29781	17.404	ug/l		97
11) Tert butyl alcohol	2.83	59	41347	95.325	ug/l		97
12) 1,1-Dichloroethene	2.29	96	24145	18.593	ug/l		99
13) Acrolein	2.20	56	21747	93.008	ug/l		99
14) Allyl chloride	2.59	41	50694	19.247	ug/l		99
15) Acrylonitrile	2.94	53	101359	92.717	ug/l		98
16) Acetone	2.32	43	104880	93.982	ug/l		99
17) Carbon Disulfide	2.48	76	77555	18.333	ug/l		100
18) Methyl Acetate	2.62	43	49488	18.373	ug/l		98
19) Methyl tert-butyl Ether	3.00	73	92004	19.280	ug/l		100
20) Methylene Chloride	2.70	84	30011	17.708	ug/l		97
21) trans-1,2-Dichloroethene	2.98	96	26473	19.094	ug/l		97
22) Diisopropyl ether	3.57	45	111229	19.744	ug/l		99
23) Vinyl Acetate	3.53	43	467407	97.331	ug/l		99
24) 1,1-Dichloroethane	3.45	63	58677	18.911	ug/l		99
25) 2-Butanone	4.26	43	146459	92.093	ug/l		99
26) 2,2-Dichloropropane	4.23	77	46504	19.218	ug/l		99
27) cis-1,2-Dichloroethene	4.23	96	29728	18.986	ug/l		98
28) Bromochloromethane	4.55	49	27923	18.669	ug/l		98
29) Tetrahydrofuran	4.64	42	90876	94.461	ug/l		99
30) Chloroform	4.67	83	53371	18.531	ug/l		99
31) Cyclohexane	5.00	56	55078	19.173	ug/l	#	92
32) 1,1,1-Trichloroethane	4.92	97	43838	19.064	ug/l		97
36) 1,1-Dichloropropene	5.14	75	39760	18.929	ug/l		100
37) Ethyl Acetate	4.38	43	50130	17.629	ug/l		97
38) Carbon Tetrachloride	5.14	117	36739	18.379	ug/l		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	6.42	83	45408	19.893	ug/l		98
40) Benzene	5.39	78	119044	18.643	ug/l		97
41) Methacrylonitrile	4.54	41	28736	19.459	ug/l		99
42) 1,2-Dichloroethane	5.40	62	45401	18.819	ug/l		99
43) Isopropyl Acetate	5.55	43	78973	19.044	ug/l		100
44) Trichloroethene	6.19	130	25575	18.813	ug/l		98
45) 1,2-Dichloropropane	6.43	63	35257	19.378	ug/l		100
46) Dibromomethane	6.56	93	20773	18.904	ug/l		99
47) Bromodichloromethane	6.76	83	40920	18.416	ug/l		95
48) Methyl methacrylate	6.62	41	38757	17.836	ug/l		99
49) 1,4-Dioxane	6.62	88	17092	380.233	ug/l		99
51) 4-Methyl-2-Pentanone	7.46	43	264940	94.992	ug/l		100
52) Toluene	7.64	92	69457	18.976	ug/l		93
53) t-1,3-Dichloropropene	7.88	75	46792	19.601	ug/l		98
54) cis-1,3-Dichloropropene	7.27	75	49491	18.855	ug/l		100
55) 1,1,2-Trichloroethane	8.07	97	29688	19.142	ug/l		98
56) Ethyl methacrylate	8.02	69	44598	18.040	ug/l		98
57) 1,3-Dichloropropane	8.24	76	56066	19.437	ug/l		98
58) 2-Chloroethyl Vinyl ether	7.13	63	133434	90.535	ug/l		100
59) 2-Hexanone	8.36	43	201505	92.297	ug/l		100
60) Dibromochloromethane	8.48	129	28291	18.597	ug/l		100
61) 1,2-Dibromoethane	8.59	107	30354	18.811	ug/l		99
64) Tetrachloroethene	8.23	164	22066	18.946	ug/l		99
65) Chlorobenzene	9.12	112	74696	18.638	ug/l		100
66) 1,1,1,2-Tetrachloroethane	9.21	131	26731	19.365	ug/l		98
67) Ethyl Benzene	9.25	91	128869	19.554	ug/l		99
68) m/p-Xylenes	9.38	106	99006	38.039	ug/l		97
69) o-Xylene	9.78	106	46623	19.967	ug/l		99
70) Styrene	9.79	104	75477	18.495	ug/l		100
71) Bromoform	9.96	173	19581	18.343	ug/l	#	99
73) Isopropylbenzene	10.17	105	126001	20.627	ug/l		100
74) N-amyl acetate	10.02	43	67647	19.131	ug/l		100
75) 1,1,2,2-Tetrachloroethane	10.46	83	50390	17.942	ug/l		99
76) 1,2,3-Trichloropropane	10.49	75	41647m	17.071	ug/l		
77) Bromobenzene	10.45	156	29109	19.500	ug/l		98
78) n-propylbenzene	10.59	91	149185	20.640	ug/l		99
79) 2-Chlorotoluene	10.66	91	91123	20.071	ug/l		100
80) 1,3,5-Trimethylbenzene	10.77	105	105090	20.841	ug/l		100
81) trans-1,4-Dichloro-2-buten	10.51	75	14566m	19.107	ug/l		
82) 4-Chlorotoluene	10.77	91	102420	20.119	ug/l		99
83) tert-Butylbenzene	11.10	119	99512	19.961	ug/l		100
84) 1,2,4-Trimethylbenzene	11.15	105	107610	20.970	ug/l		98
85) sec-Butylbenzene	11.32	105	123961	20.370	ug/l		99
86) p-Isopropyltoluene	11.48	119	107223	19.356	ug/l		99
87) 1,3-Dichlorobenzene	11.42	146	53727	19.341	ug/l		99
88) 1,4-Dichlorobenzene	11.51	146	54583	18.029	ug/l		98
89) n-Butylbenzene	11.89	91	93463	18.469	ug/l		99
90) Hexachloroethane	12.15	117	20543	18.563	ug/l		99
91) 1,2-Dichlorobenzene	11.88	146	53238	18.042	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10367	18.094	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	32736	19.252	ug/l	99
94) Hexachlorobutadiene	13.69	225	17259	19.183	ug/l	99
95) Naphthalene	13.75	128	110734	17.782	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	35703	19.579	ug/l	98

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

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