Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092318\
Data File : VU027061.D
Acq On : 23 Sep 2018 09:35
Operator : MD/SY
Sample : J4963-02MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 103 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ123I1-20180914MS

Manual Integrations APPROVED
MMDadoda
9/24/2018 4:40:33 PM

Quant Time: Sep 24 07:06:40 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	74207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	132259	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	131783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	84005	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.50%			
35) Dibromofluoromethane	4.88	113	58331	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.76%			
50) Toluene-d8	7.57	98	224246	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.66%			
62) 4-Bromofluorobenzene	10.31	95	79807	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	46115	47.597	ug/l	98
3) Chloromethane	1.33	50	80789	48.364	ug/l	98
4) Vinyl Chloride	1.40	62	78732	50.493	ug/l	98
5) Bromomethane	1.62	94	39638	44.640	ug/l	98
6) Chloroethane	1.69	64	51811	52.004	ug/l	99
7) Trichlorofluoromethane	1.88	101	88832	50.160	ug/l	99
8) Diethyl Ether	2.10	74	45755	53.676	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	50579	46.449	ug/l	99
10) Methyl Iodide	2.41	142	43752	32.397	ug/l	98
11) Tert butyl alcohol	2.83	59	94866	277.119	ug/l	99
12) 1,1-Dichloroethene	2.28	96	52089	50.823	ug/l	99
13) Acrolein	2.20	56	45005	243.879	ug/l	99
14) Allyl chloride	2.59	41	112358	54.051	ug/l	97
15) Acrylonitrile	2.94	53	243233	281.910	ug/l	99
16) Acetone	2.32	43	218796	277.619	ug/l	98
17) Carbon Disulfide	2.48	76	162200	48.580	ug/l	100
18) Methyl Acetate	2.62	43	104293	49.061	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	215788	57.294	ug/l	100
20) Methylene Chloride	2.70	84	67610	50.547	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	58317	53.293	ug/l	99
22) Diisopropyl ether	3.57	45	266722	59.988	ug/l	97
23) Vinyl Acetate	3.53	43	930021	245.381	ug/l	99
24) 1,1-Dichloroethane	3.45	63	137281	56.060	ug/l	99
25) 2-Butanone	4.26	43	350231	279.035	ug/l	99
26) 2,2-Dichloropropane	4.23	77	73295	38.378	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	67089	54.289	ug/l	98
28) Bromochloromethane	4.55	49	72280	61.231	ug/l	94
29) Tetrahydrofuran	4.64	42	224663	295.889	ug/l	97
30) Chloroform	4.67	83	122578	53.925	ug/l	99
31) Cyclohexane	5.00	56	113012	50.777	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	98528	54.288	ug/l	99
36) 1,1-Dichloropropene	5.14	75	88072	49.895	ug/l	98
37) Ethyl Acetate	4.38	43	106993	44.775	ug/l	99
38) Carbon Tetrachloride	5.13	117	82141	48.900	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	6.42	83	90679	47.273	ug/l		99
40) Benzene	5.39	78	272964	50.869	ug/l		99
41) Methacrylonitrile	4.54	41	71584	57.683	ug/l		98
42) 1,2-Dichloroethane	5.40	62	106457	52.510	ug/l		99
43) Isopropyl Acetate	5.55	43	175045	50.230	ug/l		99
44) Trichloroethene	6.19	130	56937	49.841	ug/l		98
45) 1,2-Dichloropropane	6.43	63	80994	52.973	ug/l		98
46) Dibromomethane	6.56	93	47530	51.472	ug/l		97
47) Bromodichloromethane	6.76	83	95580	51.189	ug/l		97
48) Methyl methacrylate	6.62	41	98759	52.026	ug/l		99
49) 1,4-Dioxane	6.61	88	37288	989.882	ug/l		95
51) 4-Methyl-2-Pentanone	7.46	43	668590	285.262	ug/l		99
52) Toluene	7.64	92	163261	53.079	ug/l		99
53) t-1,3-Dichloropropene	7.88	75	105084	52.381	ug/l		98
54) cis-1,3-Dichloropropene	7.27	75	107898	48.915	ug/l		100
55) 1,1,2-Trichloroethane	8.07	97	68453	52.523	ug/l		99
56) Ethyl methacrylate	8.02	69	112599	49.802	ug/l		98
57) 1,3-Dichloropropane	8.24	76	131418	54.215	ug/l		99
59) 2-Hexanone	8.36	43	512810	279.512	ug/l		99
60) Dibromochloromethane	8.48	129	66706	52.180	ug/l		98
61) 1,2-Dibromoethane	8.59	107	70063	51.668	ug/l		99
64) Tetrachloroethene	8.23	164	45080	44.393	ug/l		98
65) Chlorobenzene	9.12	112	166980	47.787	ug/l		100
66) 1,1,1,2-Tetrachloroethane	9.21	131	61385	51.004	ug/l		98
67) Ethyl Benzene	9.25	91	298820	52.006	ug/l		100
68) m/p-Xylenes	9.38	106	222754	95.790	ug/l		99
69) o-Xylene	9.78	106	108237	53.166	ug/l		99
70) Styrene	9.79	104	180609	47.603	ug/l		99
71) Bromoform	9.96	173	47965	51.536	ug/l	#	99
73) Isopropylbenzene	10.17	105	286904	52.962	ug/l		100
74) N-amyl acetate	10.01	43	143367	45.721	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.46	83	121770	48.890	ug/l		100
76) 1,2,3-Trichloropropane	10.49	75	109183m	50.467	ug/l		
77) Bromobenzene	10.45	156	65523	49.497	ug/l		93
78) n-propylbenzene	10.59	91	342251	53.395	ug/l		99
79) 2-Chlorotoluene	10.66	91	209933	52.142	ug/l		99
80) 1,3,5-Trimethylbenzene	10.77	105	240387	53.757	ug/l		99
81) trans-1,4-Dichloro-2-buten	10.51	75	30488m	45.098	ug/l		
82) 4-Chlorotoluene	10.77	91	238764	52.889	ug/l		99
83) tert-Butylbenzene	11.10	119	228312	51.642	ug/l		99
84) 1,2,4-Trimethylbenzene	11.15	105	248937	54.701	ug/l		99
85) sec-Butylbenzene	11.32	105	284118	52.646	ug/l		99
86) p-Isopropyltoluene	11.48	119	236641	46.791	ug/l		99
87) 1,3-Dichlorobenzene	11.42	146	119602	48.551	ug/l		99
88) 1,4-Dichlorobenzene	11.51	146	122143	45.494	ug/l		99
89) n-Butylbenzene	11.89	91	211778	43.470	ug/l		99
90) Hexachloroethane	12.15	117	46392	47.272	ug/l		100
91) 1,2-Dichlorobenzene	11.88	146	122278	46.729	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26676	52.501	ug/l		96
93) 1,2,4-Trichlorobenzene	13.50	180	74890	49.664	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	34108	42.748	ug/l	100
95) Naphthalene	13.74	128	288281	48.933	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	82378	50.942	ug/l	100

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

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