Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063018\
Data File : VU025112.D
Acq On : 01 Jul 2018 01:41
Operator : MD/SY
Sample : VU0630WBSD02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Manual Integrations APPROVED
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7/2/2018 4:16:38 PM

Quant Time: Jul 02 08:00:16 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	166696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	256698	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	239146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	135704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	122594	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.10%			
35) Dibromofluoromethane	4.89	113	99750	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.64%			
50) Toluene-d8	7.57	98	317313	40.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.66%			
62) 4-Bromofluorobenzene	10.31	95	132630	42.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	35511	17.02	ug/l	96
3) Chloromethane	1.33	50	40211	18.86	ug/l	99
4) Vinyl Chloride	1.40	62	41628	18.94	ug/l	98
5) Bromomethane	1.62	94	26334	24.78	ug/l	97
6) Chloroethane	1.70	64	26763	21.18	ug/l	99
7) Trichlorofluoromethane	1.89	101	67844	20.22	ug/l	99
8) Diethyl Ether	2.10	74	25413	21.17	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	38538	18.52	ug/l	96
10) Methyl Iodide	2.41	142	37864	24.51	ug/l	96
11) Tert butyl alcohol	2.82	59	70399	106.37	ug/l	100
12) 1,1-Dichloroethene	2.28	96	36335	19.14	ug/l	96
13) Acrolein	2.19	56	20749	59.70	ug/l	96
14) Allyl chloride	2.60	41	61329	17.40	ug/l	97
15) Acrylonitrile	2.94	53	131768	102.33	ug/l	98
16) Acetone	2.32	43	131096	89.66	ug/l	98
17) Carbon Disulfide	2.48	76	101102	16.63	ug/l	99
18) Methyl Acetate	2.62	43	82139	26.20	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	150829	21.14	ug/l	96
20) Methylene Chloride	2.70	84	45882	20.00	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	41369	19.79	ug/l	99
22) Diisopropyl ether	3.57	45	143192	20.50	ug/l	94
23) Vinyl Acetate	3.53	43	566365	90.50	ug/l	99
24) 1,1-Dichloroethane	3.45	63	81405	20.26	ug/l	99
25) 2-Butanone	4.26	43	193238	98.39	ug/l	95
26) 2,2-Dichloropropane	4.23	77	47045	12.33	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	49938	20.78	ug/l	95
28) Bromochloromethane	4.55	49	34256	19.35	ug/l	89
29) Tetrahydrofuran	4.64	42	124256	102.16	ug/l	97
30) Chloroform	4.68	83	83568	20.54	ug/l	98
31) Cyclohexane	5.00	56	72116	18.98	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	77597	20.63	ug/l	95
36) 1,1-Dichloropropene	5.14	75	58975	19.55	ug/l	97
37) Ethyl Acetate	4.38	43	66979	20.37	ug/l	95
38) Carbon Tetrachloride	5.14	117	64834	19.55	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	6.42	83	70093	18.62	ug/l		96
40) Benzene	5.39	78	176619	20.55	ug/l		97
41) Methacrylonitrile	4.55	41	39770	22.44	ug/l		98
42) 1,2-Dichloroethane	5.41	62	72646	22.19	ug/l		98
43) Isopropyl Acetate	5.55	43	111942	19.70	ug/l		100
44) Trichloroethene	6.19	130	49327	20.17	ug/l		96
45) 1,2-Dichloropropane	6.44	63	46488	20.27	ug/l		92
46) Dibromomethane	6.56	93	34217	21.24	ug/l		94
47) Bromodichloromethane	6.76	83	63592	19.82	ug/l		99
48) Methyl methacrylate	6.63	41	59616	21.54	ug/l		98
49) 1,4-Dioxane	6.62	88	28553	527.62	ug/l		95
51) 4-Methyl-2-Pentanone	7.46	43	373352	104.57	ug/l		99
52) Toluene	7.64	92	109506	19.80	ug/l		96
53) t-1,3-Dichloropropene	7.88	75	64340	17.86	ug/l		96
54) cis-1,3-Dichloropropene	7.27	75	66902	17.43	ug/l		98
55) 1,1,2-Trichloroethane	8.07	97	46941	20.88	ug/l		98
56) Ethyl methacrylate	8.02	69	74236	19.73	ug/l		99
57) 1,3-Dichloropropane	8.25	76	79445	20.95	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.13	63	132303	91.79	ug/l		96
59) 2-Hexanone	8.36	43	294209	100.94	ug/l		99
60) Dibromochloromethane	8.48	129	50567	18.04	ug/l		99
61) 1,2-Dibromoethane	8.59	107	51413	20.55	ug/l		99
64) Tetrachloroethene	8.23	164	50455	22.20	ug/l		98
65) Chlorobenzene	9.12	112	126271	20.67	ug/l		98
66) 1,1,1,2-Tetrachloroethane	9.21	131	49168	21.18	ug/l		97
67) Ethyl Benzene	9.25	91	216409	20.21	ug/l		97
68) m/p-Xylenes	9.38	106	167722	40.78	ug/l		99
69) o-Xylene	9.78	106	84740	20.82	ug/l		96
70) Styrene	9.80	104	130137	19.46	ug/l		98
71) Bromoform	9.96	173	38729	17.56	ug/l	#	100
73) Isopropylbenzene	10.17	105	224261	21.52	ug/l		99
74) N-amyl acetate	10.01	43	92901	18.75	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.46	83	76148	21.81	ug/l		99
76) 1,2,3-Trichloropropane	10.50	75	69775m	23.35	ug/l		
77) Bromobenzene	10.46	156	56647	21.48	ug/l		95
78) n-propylbenzene	10.59	91	246773	20.11	ug/l		98
79) 2-Chlorotoluene	10.66	91	154411	21.33	ug/l		99
80) 1,3,5-Trimethylbenzene	10.78	105	188938	20.92	ug/l		99
81) trans-1,4-Dichloro-2-buten	10.51	75	20895m	16.19	ug/l		
82) 4-Chlorotoluene	10.78	91	169752	20.15	ug/l		99
83) tert-Butylbenzene	11.10	119	188396	21.69	ug/l		99
84) 1,2,4-Trimethylbenzene	11.15	105	192975	20.97	ug/l		97
85) sec-Butylbenzene	11.33	105	223567	20.56	ug/l		99
86) p-Isopropyltoluene	11.48	119	192920	19.81	ug/l		99
87) 1,3-Dichlorobenzene	11.42	146	101590	20.85	ug/l		98
88) 1,4-Dichlorobenzene	11.51	146	101256	20.64	ug/l		98
89) n-Butylbenzene	11.89	91	145983	16.88	ug/l		97
90) Hexachloroethane	12.15	117	33482	17.62	ug/l		99
91) 1,2-Dichlorobenzene	11.88	146	105179	21.55	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19990	20.75	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	61054	20.26	ug/l	99
94) Hexachlorobutadiene	13.70	225	33646	19.83	ug/l	99
95) Naphthalene	13.75	128	210212	21.46	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	65803	21.91	ug/l	99

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

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