Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028302.D
Acq On : 21 Nov 2018 00:54
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00525

Quant Time: Nov 21 07:13:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	160708	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156205	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74581	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	49561	4.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.00%			
7) Chloroethane-d5	1.68	69	45582	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.28	63	105280	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.60%			
20) 2-Butanone-d5	4.20	46	227412	56.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.38%			
24) Chloroform-d	4.65	84	111850	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.31	65	60799	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	5.34	84	201097	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.33	67	78678	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.56	98	174630	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
43) trans-1,3-Dichloropropene-	7.85	79	27612	5.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.00%			
46) 2-Hexanone-d5	8.31	63	174326	55.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.46%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59138	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	61937	4.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	60382	4.47	ug/L	97
3) Chloromethane	1.32	50	92837	5.40	ug/L	96
5) Vinyl chloride	1.40	62	80146	4.91	ug/L	100
6) Bromomethane	1.63	94	25376	3.45	ug/L	98
8) Chloroethane	1.70	64	45637	4.73	ug/L	96
9) Trichlorofluoromethane	1.89	101	88394	4.65	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	46420	4.44	ug/L	99
12) 1,1-Dichloroethene	2.29	96	46913	4.74	ug/L	97
13) Acetone	2.33	43	121051	43.49	ug/L	96
14) Carbon disulfide	2.48	76	153776	4.95	ug/L	99
15) Methyl Acetate	2.62	43	33081	4.48	ug/L	98
16) Methylene chloride	2.70	84	57150	4.58	ug/L	97
17) Methyl tert-butyl Ether	3.00	73	141814	4.77	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	49590	4.71	ug/L	92
19) 1,1-Dichloroethane	3.44	63	120771	4.94	ug/L	99
21) 2-Butanone	4.28	43	208039	46.94	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	61587	4.94	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	23386	4.80	ug/L		96
25) Chloroform	4.67	83	114609	4.33	ug/L		95
27) 1,2-Dichloroethane	5.41	62	75087	4.97	ug/L		99
29) 1,1,1-Trichloroethane	4.91	97	86372	4.90	ug/L		98
30) Cyclohexane	4.99	56	108091	4.69	ug/L		99
31) Carbon tetrachloride	5.13	117	68333	4.73	ug/L		98
33) Benzene	5.39	78	242416	4.70	ug/L		100
34) Trichloroethene	6.18	95	58247	4.62	ug/L		96
35) Methylcyclohexane	6.41	83	90450	4.55	ug/L		97
37) 1,2-Dichloropropane	6.43	63	72094	4.90	ug/L	#	98
38) Bromodichloromethane	6.76	83	79352	4.95	ug/L		97
39) cis-1,3-Dichloropropene	7.27	75	91552	4.91	ug/L		99
40) 4-Methyl-2-pentanone	7.46	43	517453	49.22	ug/L		99
42) Toluene	7.64	91	254383	4.87	ug/L		100
44) trans-1,3-Dichloropropene	7.88	75	74406	5.31	ug/L		95
45) 1,1,2-Trichloroethane	8.07	97	41554	4.68	ug/L		94
47) Tetrachloroethene	8.22	164	39728	4.54	ug/L		98
48) 2-Hexanone	8.36	43	361894	48.28	ug/L		99
49) Dibromochloromethane	8.48	129	42635	4.74	ug/L		98
50) 1,2-Dibromoethane	8.58	107	38607	4.81	ug/L		91
51) Chlorobenzene	9.12	112	145044	4.82	ug/L		99
52) Ethylbenzene	9.25	91	269413	4.79	ug/L		95
53) m,p-xylene	9.37	106	97417	4.99	ug/L		95
54) o-xylene	9.78	106	93275	4.79	ug/L		95
55) Styrene	9.79	104	163132	4.99	ug/L		98
56) Isopropylbenzene	10.16	105	253503	4.86	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	57209	5.01	ug/L		95
59) 1,2,3-Trichloropropane	10.49	75	40954	4.82	ug/L		100
61) Bromoform	9.96	173	22174	4.69	ug/L		97
62) 1,3-Dichlorobenzene	11.41	146	103965	4.58	ug/L		98
63) 1,4-Dichlorobenzene	11.51	146	104880	4.53	ug/L		99
65) 1,2-Dichlorobenzene	11.88	146	100297	4.51	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.66	75	8552	4.93	ug/L	#	79
67) 1,3,5-Trichlorobenzene	12.89	180	80588	4.64	ug/L		99
68) 1,2,4-trichlorobenzene	13.50	180	72064	4.97	ug/L		100
69) Naphthalene	13.74	128	140328	5.44	ug/L		99
70) 1,2,3-Trichlorobenzene	13.99	180	67022	4.88	ug/L		99

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

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