Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082818\
Data File : VU026420.D
Acq On : 29 Aug 2018 00:34
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00548

Quant Time: Aug 29 01:42:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 00:08:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	61524	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	62590	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	31985	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	38668	4.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.20%			
7) Chloroethane-d5	1.68	69	30468	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.27	63	68535	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.80%			
20) 2-Butanone-d5	4.20	46	71132	46.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.86%			
24) Chloroform-d	4.65	84	46926	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	5.31	65	27927	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
32) Benzene-d6	5.34	84	101236	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.34	67	32997	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.57	98	99059	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
43) trans-1,3-Dichloropropene-	7.85	79	11627	4.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.00%			
46) 2-Hexanone-d5	8.32	63	57995	50.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.04%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26070	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	35108	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	27990	4.74	ug/L	97
3) Chloromethane	1.33	50	35974	4.61	ug/L	97
5) Vinyl chloride	1.40	62	39962	5.08	ug/L	100
6) Bromomethane	1.63	94	20320	5.37	ug/L	99
8) Chloroethane	1.70	64	23341	5.04	ug/L	97
9) Trichlorofluoromethane	1.89	101	48968	5.23	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	28586	5.20	ug/L	97
12) 1,1-Dichloroethene	2.28	96	27193	5.40	ug/L	94
13) Acetone	2.32	43	54683	48.87	ug/L	99
14) Carbon disulfide	2.48	76	94645	5.11	ug/L	100
15) Methyl Acetate	2.62	43	15351	4.86	ug/L	99
16) Methylene chloride	2.70	84	30805	4.89	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	68410	5.41	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	28853	5.24	ug/L	98
19) 1,1-Dichloroethane	3.44	63	59359	5.20	ug/L	99
21) 2-Butanone	4.28	43	69526	48.43	ug/L	96
22) cis-1,2-Dichloroethene	4.23	96	26564	4.76	ug/L	96

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 00:08:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	11409	5.05	ug/L		98
25) Chloroform	4.68	83	53429	4.87	ug/L		96
27) 1,2-Dichloroethane	5.41	62	30737	5.03	ug/L		96
29) 1,1,1-Trichloroethane	4.91	97	39069	4.97	ug/L		98
30) Cyclohexane	4.99	56	38285	4.76	ug/L		99
31) Carbon tetrachloride	5.13	117	36091	5.09	ug/L		99
33) Benzene	5.39	78	102318	4.93	ug/L		100
34) Trichloroethene	6.19	95	26306	4.69	ug/L		96
35) Methylcyclohexane	6.42	83	38816	4.87	ug/L		97
37) 1,2-Dichloropropane	6.44	63	28110	4.88	ug/L		100
38) Bromodichloromethane	6.76	83	32513	4.80	ug/L		94
39) cis-1,3-Dichloropropene	7.27	75	34641	4.74	ug/L		96
40) 4-Methyl-2-pentanone	7.47	43	162247	50.03	ug/L		99
42) Toluene	7.64	91	108627	5.13	ug/L		100
44) trans-1,3-Dichloropropene	7.88	75	29666	4.92	ug/L		98
45) 1,1,2-Trichloroethane	8.07	97	17678	4.89	ug/L		96
47) Tetrachloroethene	8.23	164	21325	5.05	ug/L		95
48) 2-Hexanone	8.37	43	121846	50.74	ug/L		99
49) Dibromochloromethane	8.48	129	21795	4.95	ug/L		97
50) 1,2-Dibromoethane	8.59	107	17031	4.99	ug/L	#	99
51) Chlorobenzene	9.12	112	69116	5.03	ug/L		99
52) Ethylbenzene	9.25	91	112439	5.01	ug/L		97
53) m,p-xylene	9.38	106	43090	5.22	ug/L		94
54) o-xylene	9.78	106	40530	5.19	ug/L		97
55) Styrene	9.80	104	72358	5.29	ug/L		100
56) Isopropylbenzene	10.17	105	108770	5.24	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.46	83	23072	4.87	ug/L		98
59) 1,2,3-Trichloropropane	10.50	75	15955	4.79	ug/L		98
61) Bromoform	9.96	173	12389	4.89	ug/L		99
62) 1,3-Dichlorobenzene	11.42	146	51116	4.96	ug/L		100
63) 1,4-Dichlorobenzene	11.51	146	53963	4.97	ug/L		98
65) 1,2-Dichlorobenzene	11.88	146	50722	4.98	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.66	75	3174	4.66	ug/L	#	82
67) 1,3,5-Trichlorobenzene	12.89	180	42610	4.94	ug/L		99
68) 1,2,4-trichlorobenzene	13.51	180	34550	4.98	ug/L		99
69) Naphthalene	13.74	128	51551	4.87	ug/L		99
70) 1,2,3-Trichlorobenzene	13.99	180	32862	5.12	ug/L		98

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

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