Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\
Data File : VU027791.D
Acq On : 24 Oct 2018 17:24
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00502

Quant Time: Oct 25 04:44:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	38785	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	38272	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19671	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	15408	4.87	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.40%			
7) Chloroethane-d5	1.68	69	11582	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.80%			
11) 1,1-Dichloroethene-d2	2.28	63	29920	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.00%			
20) 2-Butanone-d5	4.20	46	49244	51.23	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.46%			
24) Chloroform-d	4.65	84	28395	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
26) 1,2-Dichloroethane-d4	5.31	65	16222	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.34	84	50926	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.33	67	18098	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	7.57	98	49192	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
43) trans-1,3-Dichloropropene-	7.85	79	7035	4.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.60%			
46) 2-Hexanone-d5	8.31	63	41276	50.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.82%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	14068	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	18144	4.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	19313	5.135	ug/L	100
3) Chloromethane	1.33	50	21364	5.058	ug/L	99
5) Vinyl chloride	1.40	62	20275	4.987	ug/L	99
6) Bromomethane	1.63	94	10902	5.231	ug/L	98
8) Chloroethane	1.70	64	11102	5.052	ug/L	99
9) Trichlorofluoromethane	1.89	101	27886	5.189	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	14063	5.184	ug/L	100
12) 1,1-Dichloroethene	2.29	96	12808	5.066	ug/L	97
13) Acetone	2.33	43	31819	45.915	ug/L	99
14) Carbon disulfide	2.48	76	41969	4.836	ug/L	99
15) Methyl Acetate	2.63	43	8767	4.522	ug/L	92
16) Methylene chloride	2.70	84	14422	4.837	ug/L	97
17) Methyl tert-butyl Ether	3.01	73	40171	4.964	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	13819	5.101	ug/L	97
19) 1,1-Dichloroethane	3.45	63	30927	5.163	ug/L	95
21) 2-Butanone	4.29	43	56208	49.433	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	16031	4.982	ug/L	94

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00502

Quant Time: Oct 25 04:44:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.55	128	6539	5.012 ug/L		92
25) Chloroform	4.68	83	30854	5.115 ug/L		99
27) 1,2-Dichloroethane	5.41	62	23246	5.217 ug/L		99
29) 1,1,1-Trichloroethane	4.92	97	26996	4.904 ug/L		97
30) Cyclohexane	4.99	56	30050	4.874 ug/L		99
31) Carbon tetrachloride	5.13	117	23073	4.885 ug/L		96
33) Benzene	5.39	78	63984	5.031 ug/L		100
34) Trichloroethene	6.19	95	16778	5.092 ug/L		94
35) Methylcyclohexane	6.41	83	27090	4.920 ug/L		97
37) 1,2-Dichloropropane	6.44	63	18470	4.946 ug/L	#	97
38) Bromodichloromethane	6.76	83	22377	5.019 ug/L		99
39) cis-1,3-Dichloropropene	7.27	75	26295	4.916 ug/L		100
40) 4-Methyl-2-pentanone	7.47	43	138784	49.713 ug/L		99
42) Toluene	7.64	91	67738	4.948 ug/L		99
44) trans-1,3-Dichloropropene	7.88	75	22589	5.015 ug/L		93
45) 1,1,2-Trichloroethane	8.07	97	11552	5.126 ug/L		94
47) Tetrachloroethene	8.23	164	12768	4.770 ug/L		98
48) 2-Hexanone	8.37	43	100342	50.585 ug/L		99
49) Dibromochloromethane	8.48	129	13825	4.814 ug/L		98
50) 1,2-Dibromoethane	8.59	107	10916	4.983 ug/L		96
51) Chlorobenzene	9.12	112	41924	4.974 ug/L		96
52) Ethylbenzene	9.25	91	77569	4.884 ug/L		99
53) m,p-xylene	9.38	106	28159	5.006 ug/L		94
54) o-xylene	9.78	106	27391	4.984 ug/L		100
55) Styrene	9.79	104	46099	4.952 ug/L		95
56) Isopropylbenzene	10.17	105	76140	5.003 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	15096	5.092 ug/L	#	96
59) 1,2,3-Trichloropropane	10.49	75	11930	5.074 ug/L		96
61) Bromoform	9.96	173	7701	4.654 ug/L		99
62) 1,3-Dichlorobenzene	11.42	146	34025	4.918 ug/L		100
63) 1,4-Dichlorobenzene	11.51	146	33489	4.794 ug/L		95
65) 1,2-Dichlorobenzene	11.88	146	32086	4.932 ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.66	75	2618	5.053 ug/L	#	80
67) 1,3,5-Trichlorobenzene	12.89	180	27408	4.939 ug/L		98
68) 1,2,4-trichlorobenzene	13.50	180	24265	5.034 ug/L		96
69) Naphthalene	13.74	128	39866	5.092 ug/L		98
70) 1,2,3-Trichlorobenzene	13.99	180	22585	5.085 ug/L		99

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

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