Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026811.D
Acq On : 16 Sep 2018 06:32
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00546

Quant Time: Sep 17 07:16:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 07:09:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	129074	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	108796	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54777	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	48982	5.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.60%			
7) Chloroethane-d5	1.68	69	41246	5.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.80%			
11) 1,1-Dichloroethene-d2	2.28	63	93125	5.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.80%			
20) 2-Butanone-d5	4.21	46	102287	47.27	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.54%			
24) Chloroform-d	4.65	84	82855	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	5.31	65	43431	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.34	84	168082	5.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.40%			
36) 1,2-Dichloropropane-d6	6.33	67	52328	5.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.00%			
41) Toluene-d8	7.57	98	153590	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.00%			
43) trans-1,3-Dichloropropene-	7.85	79	15946	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%			
46) 2-Hexanone-d5	8.32	63	69799	48.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.42%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	39523	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	54654	5.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	65658	4.70	ug/L	100
3) Chloromethane	1.33	50	71220	5.16	ug/L	99
5) Vinyl chloride	1.40	62	70096	4.95	ug/L	100
6) Bromomethane	1.63	94	25087	3.56	ug/L	96
8) Chloroethane	1.70	64	43439	4.85	ug/L	96
9) Trichlorofluoromethane	1.89	101	87560	4.95	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	46843	4.59	ug/L	99
12) 1,1-Dichloroethene	2.29	96	47769	4.97	ug/L	98
13) Acetone	2.33	43	84353	43.85	ug/L	98
14) Carbon disulfide	2.48	76	165364	4.94	ug/L	100
15) Methyl Acetate	2.62	43	25177	4.99	ug/L	95
16) Methylene chloride	2.70	84	56543	4.84	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	113151	4.87	ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	51513	4.88	ug/L	96
19) 1,1-Dichloroethane	3.45	63	100258	5.09	ug/L	98
21) 2-Butanone	4.29	43	148438	46.70	ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	57044	4.99	ug/L	99

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	24092	4.96 ug/L	95
25) Chloroform	4.67	83	96037	5.05 ug/L	96
27) 1,2-Dichloroethane	5.41	62	62864	5.14 ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	83114	5.31 ug/L	100
30) Cyclohexane	4.99	56	89215	5.05 ug/L	100
31) Carbon tetrachloride	5.13	117	73163	5.31 ug/L	99
33) Benzene	5.39	78	216679	5.32 ug/L	100
34) Trichloroethene	6.18	95	52716	5.08 ug/L	98
35) Methylcyclohexane	6.41	83	71340	4.23 ug/L	98
37) 1,2-Dichloropropane	6.44	63	57850	5.35 ug/L	99
38) Bromodichloromethane	6.76	83	68596	5.19 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	58790	4.05 ug/L	99
40) 4-Methyl-2-pentanone	7.48	43	318461	49.98 ug/L	100
42) Toluene	7.64	91	220694	5.36 ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	50499	4.35 ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	37862	5.21 ug/L	97
47) Tetrachloroethene	8.23	164	44632	4.93 ug/L	98
48) 2-Hexanone	8.37	43	234950	52.18 ug/L	100
49) Dibromochloromethane	8.48	129	46716	5.22 ug/L	98
50) 1,2-Dibromoethane	8.59	107	35485	5.22 ug/L	100
51) Chlorobenzene	9.12	112	140271	5.07 ug/L	99
52) Ethylbenzene	9.25	91	210632	5.11 ug/L	100
53) m,p-xylene	9.38	106	85405	5.41 ug/L	99
54) o-xylene	9.78	106	79663	5.27 ug/L	100
55) Styrene	9.79	104	149906	5.64 ug/L	98
56) Isopropylbenzene	10.17	105	206558	5.24 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	47570	5.23 ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	33855	5.32 ug/L	98
61) Bromoform	9.96	173	26170	5.03 ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	98996	5.01 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	109785	4.91 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	107549	5.21 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	6813	5.20 ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	80677	4.89 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	64120	4.76 ug/L	99
69) Naphthalene	13.74	128	90911	4.70 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	67504	5.27 ug/L	100

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

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