Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091518\
Data File : VV007579.D
Acq On : 15 Sep 2018 21:34
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00564

Quant Time: Sep 17 01:48:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 01:45:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113745	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	103804	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56440	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	25316	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.59	69	23417	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.00%			
11) 1,1-Dichloroethene-d2	2.14	63	60586	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.00%			
20) 2-Butanone-d5	3.97	46	38887	46.92	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.84%			
24) Chloroform-d	4.41	84	60481	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.09	65	29641	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.10	84	115524	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.13	67	33924	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.36	98	120336	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
43) trans-1,3-Dichloropropene-	7.67	79	14318	4.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.20%			
46) 2-Hexanone-d5	8.15	63	22410	43.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.44%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23368	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	52357	5.07	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	31285	5.08	ug/L	100
3) Chloromethane	1.25	50	26736	5.00	ug/L	96
5) Vinyl chloride	1.33	62	30178	5.05	ug/L	97
6) Bromomethane	1.54	94	21699	5.09	ug/L	98
8) Chloroethane	1.60	64	19642	5.39	ug/L	95
9) Trichlorofluoromethane	1.78	101	61101	5.18	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34174	5.31	ug/L	99
12) 1,1-Dichloroethene	2.14	96	31081	5.38	ug/L	91
13) Acetone	2.21	43	22857	42.23	ug/L	98
14) Carbon disulfide	2.32	76	84292	4.99	ug/L	99
15) Methyl Acetate	2.47	43	6796	4.58	ug/L	92
16) Methylene chloride	2.54	84	33289	5.33	ug/L	96
17) Methyl tert-butyl Ether	2.82	73	70584	5.08	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	33682	5.36	ug/L	98
19) 1,1-Dichloroethane	3.23	63	45880	5.01	ug/L	100
21) 2-Butanone	4.05	43	44350	48.84	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	31484	5.09	ug/L	96

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 01:45:59 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.31	128	14145	5.21	ug/L		97
25) Chloroform	4.43	83	53502	5.11	ug/L		100
27) 1,2-Dichloroethane	5.19	62	29834	4.95	ug/L		98
29) 1,1,1-Trichloroethane	4.66	97	49152	4.87	ug/L		97
30) Cyclohexane	4.73	56	41900	4.76	ug/L		99
31) Carbon tetrachloride	4.88	117	45643	4.82	ug/L		100
33) Benzene	5.15	78	109524	5.11	ug/L		100
34) Trichloroethene	5.96	95	35144	5.35	ug/L		97
35) Methylcyclohexane	6.18	83	50769	5.00	ug/L		97
37) 1,2-Dichloropropane	6.23	63	25836	4.89	ug/L		98
38) Bromodichloromethane	6.56	83	35667	4.66	ug/L		98
39) cis-1,3-Dichloropropene	7.08	75	39602	4.72	ug/L		99
40) 4-Methyl-2-pentanone	7.29	43	145623	49.93	ug/L		99
42) Toluene	7.43	91	125791	5.08	ug/L		100
44) trans-1,3-Dichloropropene	7.70	75	32708	4.73	ug/L		96
45) 1,1,2-Trichloroethane	7.89	97	20130	5.10	ug/L		99
47) Tetrachloroethene	8.02	164	31377	5.32	ug/L		95
48) 2-Hexanone	8.20	43	112644	50.88	ug/L		94
49) Dibromochloromethane	8.30	129	26476	4.72	ug/L		99
50) 1,2-Dibromoethane	8.40	107	19863	5.19	ug/L	#	99
51) Chlorobenzene	8.93	112	87138	5.23	ug/L		99
52) Ethylbenzene	9.06	91	141937	5.09	ug/L		98
53) m,p-xylene	9.19	106	54754	5.07	ug/L		98
54) o-xylene	9.59	106	53167	5.02	ug/L		97
55) Styrene	9.61	104	84132	4.88	ug/L		99
56) Isopropylbenzene	9.98	105	145340	5.06	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	18942	4.90	ug/L		98
59) 1,2,3-Trichloropropane	10.32	75	16324	5.05	ug/L		99
61) Bromoform	9.78	173	15506	4.63	ug/L		99
62) 1,3-Dichlorobenzene	11.23	146	74707	5.24	ug/L		100
63) 1,4-Dichlorobenzene	11.32	146	73907	5.18	ug/L		99
65) 1,2-Dichlorobenzene	11.69	146	69291	5.22	ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.48	75	3016	4.42	ug/L		91
67) 1,3,5-Trichlorobenzene	12.70	180	59926	5.38	ug/L		100
68) 1,2,4-trichlorobenzene	13.31	180	44615	5.57	ug/L		99
69) Naphthalene	13.56	128	51440	5.30	ug/L		99
70) 1,2,3-Trichlorobenzene	13.80	180	40533	5.55	ug/L		97

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

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