Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100818\
Data File : VV008189.D
Acq On : 09 Oct 2018 08:03
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00580

Quant Time: Oct 09 08:30:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 04:07:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	90311	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45113	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	28331	5.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.20%			
7) Chloroethane-d5	1.59	69	23092	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.14	63	53835	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.20%			
20) 2-Butanone-d5	3.96	46	70670	52.99	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.98%			
24) Chloroform-d	4.41	84	60263	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
26) 1,2-Dichloroethane-d4	5.09	65	29243	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.10	84	114828	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
36) 1,2-Dichloropropane-d6	6.12	67	36144	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.36	98	115369	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
43) trans-1,3-Dichloropropene-	7.67	79	11818	4.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.80%			
46) 2-Hexanone-d5	8.14	63	50341	50.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.38%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25897	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	43174	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	33043	5.396	ug/L	99
3) Chloromethane	1.25	50	28187	5.462	ug/L	98
5) Vinyl chloride	1.33	62	30469	5.303	ug/L	97
6) Bromomethane	1.54	94	16712	6.140	ug/L	96
8) Chloroethane	1.60	64	18482	4.814	ug/L	98
9) Trichlorofluoromethane	1.78	101	50255	5.106	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	29643	5.064	ug/L	98
12) 1,1-Dichloroethene	2.14	96	25887	5.291	ug/L	99
13) Acetone	2.21	43	43071	47.664	ug/L	100
14) Carbon disulfide	2.32	76	57925	4.652	ug/L	97
15) Methyl Acetate	2.47	43	11352	5.292	ug/L	99
16) Methylene chloride	2.54	84	28397	4.784	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	63795	5.202	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	27683	5.184	ug/L	95
19) 1,1-Dichloroethane	3.23	63	55224	5.431	ug/L	99
21) 2-Butanone	4.05	43	73692	50.552	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	32216	5.349	ug/L	100

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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	4.31	128	14999	5.484 ug/L	95
25) Chloroform	4.43	83	60125	5.495 ug/L	99
27) 1,2-Dichloroethane	5.19	62	34557	5.376 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	50738	5.173 ug/L	100
30) Cyclohexane	4.73	56	39125	4.803 ug/L	97
31) Carbon tetrachloride	4.88	117	44919	5.097 ug/L	100
33) Benzene	5.15	78	120033	5.386 ug/L	100
34) Trichloroethene	5.96	95	32484	4.995 ug/L	99
35) Methylcyclohexane	6.18	83	42461	4.674 ug/L	99
37) 1,2-Dichloropropane	6.23	63	31743	5.279 ug/L	99
38) Bromodichloromethane	6.56	83	38001	5.166 ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	36635	4.751 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	180643	53.012 ug/L	100
42) Toluene	7.43	91	130318	5.505 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	30091	4.799 ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	22803	5.407 ug/L	98
47) Tetrachloroethene	8.02	164	29614	5.099 ug/L	94
48) 2-Hexanone	8.19	43	129302	55.894 ug/L	97
49) Dibromochloromethane	8.30	129	26372	5.012 ug/L	95
50) 1,2-Dibromoethane	8.40	107	20815	5.436 ug/L	95
51) Chlorobenzene	8.93	112	86481	5.223 ug/L	98
52) Ethylbenzene	9.06	91	135325	5.238 ug/L	99
53) m,p-xylene	9.18	106	52255	5.335 ug/L	97
54) o-xylene	9.59	106	50885	5.441 ug/L	96
55) Styrene	9.61	104	88347	5.547 ug/L	99
56) Isopropylbenzene	9.98	105	136041	5.289 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	25787	5.274 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	18830	5.364 ug/L	96
61) Bromoform	9.78	173	14866	5.352 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	68810	5.124 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	71986	5.258 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	69924	5.389 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	3237	4.777 ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	57694	5.041 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	42420	4.969 ug/L	99
69) Naphthalene	13.56	128	48565	4.455 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	41411	5.100 ug/L	99

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

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