Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100318\
Data File : VV008044.D
Acq On : 03 Oct 2018 09:57
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00568

Quant Time: Oct 04 07:52:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 03 05:34:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91744	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88623	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47919	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24557	4.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.80%			
7) Chloroethane-d5	1.59	69	21793	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.60%			
11) 1,1-Dichloroethene-d2	2.14	63	54552	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.20%			
20) 2-Butanone-d5	3.96	46	76797	51.91	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.82%			
24) Chloroform-d	4.41	84	60771	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
26) 1,2-Dichloroethane-d4	5.09	65	31100	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.10	84	111818	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%			
36) 1,2-Dichloropropane-d6	6.12	67	35085	5.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.60%			
41) Toluene-d8	7.36	98	114525	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.40%			
43) trans-1,3-Dichloropropene-	7.67	79	13435	5.20	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.00%			
46) 2-Hexanone-d5	8.14	63	57423	50.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.74%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26748	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	46338	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	40109	5.212	ug/L	97
3) Chloromethane	1.25	50	33897	4.951	ug/L	100
5) Vinyl chloride	1.33	62	35901	4.898	ug/L	97
6) Bromomethane	1.54	94	21979	4.862	ug/L	97
8) Chloroethane	1.60	64	22632	5.120	ug/L	98
9) Trichlorofluoromethane	1.78	101	61377	5.130	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	35808	5.276	ug/L	99
12) 1,1-Dichloroethene	2.15	96	30662	5.056	ug/L	97
13) Acetone	2.22	43	51909	48.160	ug/L	100
14) Carbon disulfide	2.32	76	76351	4.645	ug/L	100
15) Methyl Acetate	2.47	43	13283	4.819	ug/L	97
16) Methylene chloride	2.54	84	33653	4.994	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	75361	5.030	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	33324	4.985	ug/L	96
19) 1,1-Dichloroethane	3.23	63	60809	5.331	ug/L	99
21) 2-Butanone	4.05	43	86309	50.261	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	36405	5.379	ug/L	99

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 03 05:34:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	16633	5.651 ug/L	93
25) Chloroform	4.43	83	66538	5.394 ug/L	99
27) 1,2-Dichloroethane	5.19	62	39301	4.951 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	57260	5.373 ug/L	98
30) Cyclohexane	4.73	56	49340	4.925 ug/L	100
31) Carbon tetrachloride	4.88	117	52826	5.623 ug/L	98
33) Benzene	5.15	78	136948	5.397 ug/L	100
34) Trichloroethene	5.96	95	37837	5.207 ug/L	98
35) Methylcyclohexane	6.18	83	55221	5.068 ug/L	99
37) 1,2-Dichloropropane	6.23	63	36352	5.607 ug/L	99
38) Bromodichloromethane	6.56	83	43290	5.585 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	47625	5.492 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	208473	51.234 ug/L	99
42) Toluene	7.43	91	152613	5.522 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	39248	5.445 ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	25151	5.376 ug/L	98
47) Tetrachloroethene	8.02	164	35160	5.222 ug/L	97
48) 2-Hexanone	8.19	43	150725	53.259 ug/L	99
49) Dibromochloromethane	8.29	129	30636	5.736 ug/L	97
50) 1,2-Dibromoethane	8.40	107	23197	5.424 ug/L	97
51) Chlorobenzene	8.93	112	102637	5.377 ug/L	99
52) Ethylbenzene	9.06	91	162769	5.280 ug/L	99
53) m,p-xylene	9.18	106	62676	5.339 ug/L	100
54) o-xylene	9.59	106	60685	5.352 ug/L	99
55) Styrene	9.61	104	103690	5.355 ug/L	100
56) Isopropylbenzene	9.98	105	166123	5.409 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	28925	5.264 ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	21426	5.312 ug/L	98
61) Bromoform	9.78	173	17117	5.948 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	84665	5.352 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	86885	5.282 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	82631	5.541 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	4222	5.558 ug/L	89
67) 1,3,5-Trichlorobenzene	12.70	180	73948	5.459 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	56756	4.957 ug/L	99
69) Naphthalene	13.56	128	70848	4.424 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	53238	5.135 ug/L	99

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

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