Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\
Data File : VV008227.D
Acq On : 10 Oct 2018 11:28
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00564

Quant Time: Oct 11 01:58:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 10 04:51:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	101026	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99311	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52490	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24156	3.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.00%			
7) Chloroethane-d5	1.59	69	21195	4.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.00%			
11) 1,1-Dichloroethene-d2	2.14	63	50709	4.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.60%			
20) 2-Butanone-d5	3.96	46	76584	51.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.66%			
24) Chloroform-d	4.41	84	61970	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.09	65	29204	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
32) Benzene-d6	5.10	84	113000	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.12	67	36211	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.00%			
41) Toluene-d8	7.36	98	112695	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
43) trans-1,3-Dichloropropene-	7.67	79	13200	4.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.20%			
46) 2-Hexanone-d5	8.14	63	54558	48.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.70%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26138	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	44422	4.46	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	35921	5.24	ug/L	97
3) Chloromethane	1.26	50	30406	5.27	ug/L	98
5) Vinyl chloride	1.33	62	34004	5.29	ug/L	100
6) Bromomethane	1.54	94	19528	6.41	ug/L	96
8) Chloroethane	1.60	64	19955	4.65	ug/L	97
9) Trichlorofluoromethane	1.78	101	54506	4.95	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	33037	5.05	ug/L	98
12) 1,1-Dichloroethene	2.15	96	27592	5.04	ug/L	92
13) Acetone	2.21	43	49017	48.49	ug/L	98
14) Carbon disulfide	2.32	76	64473	4.63	ug/L	99
15) Methyl Acetate	2.47	43	11509	4.80	ug/L	93
16) Methylene chloride	2.54	84	31599	4.76	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	68577	5.00	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	30445	5.10	ug/L	97
19) 1,1-Dichloroethane	3.23	63	62020	5.45	ug/L	99
21) 2-Butanone	4.05	43	83100	50.96	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	36515	5.42	ug/L	100

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 10 04:51:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	16457	5.38	ug/L	92
25) Chloroform	4.43	83	65676	5.37	ug/L	97
27) 1,2-Dichloroethane	5.19	62	36500	5.08	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	55960	5.07	ug/L	98
30) Cyclohexane	4.73	56	44661	4.88	ug/L	99
31) Carbon tetrachloride	4.87	117	50444	5.09	ug/L	99
33) Benzene	5.15	78	133872	5.34	ug/L	100
34) Trichloroethene	5.96	95	37195	5.09	ug/L	98
35) Methylcyclohexane	6.18	83	49976	4.89	ug/L	99
37) 1,2-Dichloropropane	6.23	63	36104	5.34	ug/L	100
38) Bromodichloromethane	6.56	83	42558	5.14	ug/L	94
39) cis-1,3-Dichloropropene	7.07	75	46054	5.31	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	199744	52.13	ug/L	100
42) Toluene	7.43	91	147714	5.55	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	38227	5.42	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	25319	5.34	ug/L	98
47) Tetrachloroethene	8.02	164	34153	5.23	ug/L	97
48) 2-Hexanone	8.19	43	145615	55.97	ug/L	96
49) Dibromochloromethane	8.29	129	30374	5.13	ug/L	98
50) 1,2-Dibromoethane	8.40	107	23331	5.42	ug/L	100
51) Chlorobenzene	8.93	112	100602	5.40	ug/L	99
52) Ethylbenzene	9.06	91	158034	5.44	ug/L	98
53) m,p-xylene	9.18	106	61456	5.58	ug/L	98
54) o-xylene	9.59	106	58675	5.58	ug/L	100
55) Styrene	9.61	104	104219	5.82	ug/L	99
56) Isopropylbenzene	9.98	105	162338	5.61	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	27633	5.03	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	20630	5.23	ug/L	99
61) Bromoform	9.78	173	16778	5.19	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	84373	5.40	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	87610	5.50	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	80791	5.35	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	3759	4.77	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	72500	5.44	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	53761	5.41	ug/L	99
69) Naphthalene	13.56	128	59273	4.67	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	49699	5.26	ug/L	98

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

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