Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120518\
Data File : VV008852.D
Acq On : 05 Dec 2018 20:23
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00576

Quant Time: Dec 06 05:00:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 06 04:51:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	110328	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104578	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51135	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	26763	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.59	69	20249	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.20%			
11) 1,1-Dichloroethene-d2	2.14	63	54174	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.60%			
20) 2-Butanone-d5	3.96	46	73782	50.78	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.56%			
24) Chloroform-d	4.41	84	66502	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	5.09	65	32321	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.10	84	129237	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.12	67	38652	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.36	98	122782	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	7.67	79	13583	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	8.14	63	58732	50.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.74%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25628	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	45574	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	51489	4.912	ug/L	98
3) Chloromethane	1.25	50	34455	4.962	ug/L	98
5) Vinyl chloride	1.33	62	35458	5.011	ug/L	98
6) Bromomethane	1.54	94	15578	3.756	ug/L	98
8) Chloroethane	1.60	64	18746	4.716	ug/L	99
9) Trichlorofluoromethane	1.77	101	58417	5.123	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	31889	5.140	ug/L	98
12) 1,1-Dichloroethene	2.14	96	27536	5.094	ug/L	97
13) Acetone	2.21	43	38248	47.285	ug/L	91
14) Carbon disulfide	2.32	76	79734	4.901	ug/L	98
15) Methyl Acetate	2.47	43	10694	5.985	ug/L	92
16) Methylene chloride	2.54	84	28908	4.952	ug/L	93
17) Methyl tert-butyl Ether	2.81	73	66638	5.021	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	29492	4.992	ug/L	92
19) 1,1-Dichloroethane	3.23	63	63637	4.928	ug/L	97
21) 2-Butanone	4.05	43	75936	49.989	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	40332	4.986	ug/L	99

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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00576

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 06 04:51:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	17584	5.139	ug/L	96
25) Chloroform	4.43	83	69098	4.936	ug/L	98
27) 1,2-Dichloroethane	5.19	62	40908	5.121	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	60395	4.876	ug/L	98
30) Cyclohexane	4.73	56	58599	4.923	ug/L	100
31) Carbon tetrachloride	4.88	117	54377	4.878	ug/L	99
33) Benzene	5.15	78	146985	4.943	ug/L	100
34) Trichloroethene	5.96	95	42238	4.884	ug/L	98
35) Methylcyclohexane	6.18	83	64433	4.710	ug/L	99
37) 1,2-Dichloropropane	6.23	63	36091	4.953	ug/L	99
38) Bromodichloromethane	6.56	83	42727	4.764	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	48475	4.747	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	184632	49.948	ug/L	99
42) Toluene	7.43	91	159601	4.973	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	38057	4.804	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	25691	5.022	ug/L	97
47) Tetrachloroethene	8.02	164	34446	4.964	ug/L	99
48) 2-Hexanone	8.19	43	127717	49.013	ug/L	100
49) Dibromochloromethane	8.29	129	29715	4.966	ug/L	99
50) 1,2-Dibromoethane	8.40	107	23686	4.941	ug/L	97
51) Chlorobenzene	8.93	112	104419	4.944	ug/L	98
52) Ethylbenzene	9.06	91	172391	4.920	ug/L	98
53) m,p-xylene	9.18	106	66816	4.991	ug/L	97
54) o-xylene	9.59	106	63366	4.963	ug/L	99
55) Styrene	9.60	104	106687	5.051	ug/L	99
56) Isopropylbenzene	9.98	105	174575	5.054	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	26751	5.181	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	21156	4.864	ug/L	97
61) Bromoform	9.78	173	14764	4.853	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	80237	4.853	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	81766	4.838	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	75854	4.967	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	3997	5.214	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	61268	4.978	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	44761	4.895	ug/L	97
69) Naphthalene	13.56	128	61813	4.656	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	43106	5.037	ug/L	98

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

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