Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101918\
Data File : VV008356.D
Acq On : 19 Oct 2018 09:45
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00572

Quant Time: Oct 20 02:48:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 05:24:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	117960	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	107616	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46735	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40785	6.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 122.40%			
7) Chloroethane-d5	1.59	69	28855	5.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.60%			
11) 1,1-Dichloroethene-d2	2.13	63	77795	6.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 121.60%			
20) 2-Butanone-d5	3.98	46	106671	47.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.42%			
24) Chloroform-d	4.40	84	74589	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	5.09	65	37565	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.10	84	160828	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
36) 1,2-Dichloropropane-d6	6.12	67	52493	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.36	98	152176	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
43) trans-1,3-Dichloropropene-	7.67	79	19910	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.14	63	78494	51.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.76%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	32321	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	45679	5.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	46064	5.072	ug/L	100
3) Chloromethane	1.25	50	48022	5.180	ug/L	97
5) Vinyl chloride	1.32	62	47510	5.413	ug/L	99
6) Bromomethane	1.54	94	21145	4.210	ug/L	99
8) Chloroethane	1.60	64	26218	5.747	ug/L	98
9) Trichlorofluoromethane	1.77	101	63561	5.956	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	36390	5.975	ug/L	98
12) 1,1-Dichloroethene	2.14	96	32088	5.663	ug/L	95
13) Acetone	2.23	43	68624	56.724	ug/L	91
14) Carbon disulfide	2.32	76	108550	5.568	ug/L	100
15) Methyl Acetate	2.47	43	14954	4.969	ug/L #	89
16) Methylene chloride	2.54	84	34736	5.296	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	90274	5.608	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	34763	5.702	ug/L	96
19) 1,1-Dichloroethane	3.23	63	72241	5.735	ug/L	95
21) 2-Butanone	4.06	43	116141	46.234	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	47394	4.815	ug/L #	99

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Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00572

Quant Time: Oct 20 02:48:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 05:24:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.30	128	17504	4.796 ug/L		96
25) Chloroform	4.43	83	77527	5.022 ug/L		97
27) 1,2-Dichloroethane	5.18	62	47253	5.148 ug/L		98
29) 1,1,1-Trichloroethane	4.66	97	66582	4.968 ug/L		100
30) Cyclohexane	4.72	56	81319	4.827 ug/L		100
31) Carbon tetrachloride	4.87	117	56331	4.999 ug/L		99
33) Benzene	5.15	78	179327	4.945 ug/L		100
34) Trichloroethene	5.96	95	51502	5.125 ug/L		97
35) Methylcyclohexane	6.17	83	85739	5.059 ug/L		96
37) 1,2-Dichloropropane	6.23	63	48993	5.007 ug/L		99
38) Bromodichloromethane	6.56	83	54584	4.966 ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	68453	4.903 ug/L		98
40) 4-Methyl-2-pentanone	7.29	43	285296	47.608 ug/L		99
42) Toluene	7.43	91	192170	5.084 ug/L		100
44) trans-1,3-Dichloropropene	7.69	75	53800	4.815 ug/L		99
45) 1,1,2-Trichloroethane	7.89	97	29449	4.848 ug/L		99
47) Tetrachloroethene	8.02	164	31917	5.069 ug/L		97
48) 2-Hexanone	8.19	43	214931	49.072 ug/L		99
49) Dibromochloromethane	8.29	129	34498	4.982 ug/L		99
50) 1,2-Dibromoethane	8.40	107	27975	4.914 ug/L	#	91
51) Chlorobenzene	8.93	112	115473	5.142 ug/L		97
52) Ethylbenzene	9.06	91	214769	5.167 ug/L		98
53) m,p-xylene	9.18	106	77738	5.171 ug/L		100
54) o-xylene	9.59	106	76642	5.117 ug/L		96
55) Styrene	9.60	104	126051	5.231 ug/L		98
56) Isopropylbenzene	9.98	105	205938	5.217 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.29	83	31969	4.625 ug/L		99
59) 1,2,3-Trichloropropane	10.32	75	27144	4.958 ug/L		96
61) Bromoform	9.78	173	16285	4.766 ug/L		99
62) 1,3-Dichlorobenzene	11.23	146	82097	5.190 ug/L		96
63) 1,4-Dichlorobenzene	11.32	146	80549	5.143 ug/L		98
65) 1,2-Dichlorobenzene	11.69	146	77443	5.107 ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	4760	4.161 ug/L		95
67) 1,3,5-Trichlorobenzene	12.70	180	54830	5.357 ug/L		99
68) 1,2,4-trichlorobenzene	13.32	180	39711	5.450 ug/L		99
69) Naphthalene	13.56	128	63193	4.653 ug/L		100
70) 1,2,3-Trichlorobenzene	13.80	180	37430	5.175 ug/L		99

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

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