Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR121718\
Data File : VR026270.D
Acq On : 17 Dec 2018 18:07
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00587

Quant Time: Dec 18 00:26:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 17 18:11:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	630082	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	522939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	201926	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	198766	4.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.20%			
7) Chloroethane-d5	2.63	69	196429	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	3.61	63	570630	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.80%			
20) 2-Butanone-d5	6.59	46	178640	50.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.34%			
24) Chloroform-d	7.20	84	415527	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	7.90	65	153005	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	7.86	84	804265	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	8.90	67	200298	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	9.97	98	755209	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
43) trans-1,3-Dichloropropene-	10.24	79	53686	4.77	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.40%			
46) 2-Hexanone-d5	10.59	63	125744	53.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.56%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75000	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	13.52	152	146987	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	278215	5.318	ug/L	100
3) Chloromethane	2.01	50	323310	5.175	ug/L	95
5) Vinyl chloride	2.16	62	334127	5.261	ug/L	96
6) Bromomethane	2.53	94	219389	5.177	ug/L	100
8) Chloroethane	2.66	64	201545	5.148	ug/L	99
9) Trichlorofluoromethane	2.94	101	530139	5.443	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	287022	5.401	ug/L	98
12) 1,1-Dichloroethene	3.63	96	301693	5.347	ug/L	89
13) Acetone	3.70	43	178663	49.258	ug/L	98
14) Carbon disulfide	3.94	76	982074	5.302	ug/L	98
15) Methyl Acetate	4.19	43	50013	5.167	ug/L	98
16) Methylene chloride	4.41	84	237807	4.938	ug/L	99
17) Methyl tert-butyl Ether	4.90	73	263674	5.455	ug/L	100
18) trans-1,2-Dichloroethene	4.88	96	256229	5.124	ug/L	93
19) 1,1-Dichloroethane	5.70	63	449517	4.917	ug/L	98
21) 2-Butanone	6.69	43	227443	52.875	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	230177	5.154	ug/L #	99

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Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00587

Quant Time: Dec 18 00:26:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 17 18:11:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	62977	4.788	ug/L		97
25) Chloroform	7.23	83	431501	4.978	ug/L		96
27) 1,2-Dichloroethane	7.99	62	192130	5.141	ug/L		100
29) 1,1,1-Trichloroethane	7.43	97	419967	4.904	ug/L		96
30) Cyclohexane	7.52	56	426113	5.614	ug/L		100
31) Carbon tetrachloride	7.64	117	381908	4.898	ug/L		100
33) Benzene	7.91	78	1025934	4.984	ug/L		100
34) Trichloroethene	8.71	95	269692	4.969	ug/L		97
35) Methylcyclohexane	8.95	83	432980	5.503	ug/L		97
37) 1,2-Dichloropropane	9.00	63	205749	4.881	ug/L		100
38) Bromodichloromethane	9.28	83	232641	4.872	ug/L		99
39) cis-1,3-Dichloropropene	9.72	75	243924	5.261	ug/L		99
40) 4-Methyl-2-pentanone	9.87	43	570741	56.261	ug/L		99
42) Toluene	10.04	91	1094617	5.202	ug/L		95
44) trans-1,3-Dichloropropene	10.26	75	172359	5.231	ug/L		99
45) 1,1,2-Trichloroethane	10.45	97	85447	4.883	ug/L		96
47) Tetrachloroethene	10.51	164	200723	4.861	ug/L		91
48) 2-Hexanone	10.63	43	365615	55.915	ug/L		97
49) Dibromochloromethane	10.79	129	111960	5.040	ug/L		97
50) 1,2-Dibromoethane	10.89	107	71423	4.845	ug/L	#	90
51) Chlorobenzene	11.32	112	580220	4.929	ug/L		96
52) Ethylbenzene	11.39	91	1275996	5.372	ug/L		98
53) m,p-Xylene	11.50	106	466023	5.246	ug/L		95
54) o-Xylene	11.83	106	418506	5.407	ug/L		98
55) Styrene	11.84	104	622593	5.327	ug/L		99
56) Isopropylbenzene	12.13	105	1228772	5.583	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	78345	5.070	ug/L		99
59) 1,2,3-Trichloropropane	12.43	75	59879	5.000	ug/L		98
61) Bromoform	12.01	173	41901	4.912	ug/L		96
62) 1,3-Dichlorobenzene	13.16	146	340574	5.189	ug/L		98
63) 1,4-Dichlorobenzene	13.24	146	353617	5.016	ug/L		93
65) 1,2-Dichlorobenzene	13.53	146	268613	5.028	ug/L		97
66) 1,2-Dibromo-3-chloropropan	14.14	75	8326	4.391	ug/L		86
67) 1,3,5-Trichlorobenzene	14.30	180	216765	5.157	ug/L		98
68) 1,2,4-trichlorobenzene	14.79	180	114088	4.996	ug/L		96
69) Naphthalene	15.00	128	104562	5.097	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	82029	5.180	ug/L		99

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

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