Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017167.D
Acq On : 26 Jun 2020 08:00
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Quant Time: Jun 26 08:24:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 05:12:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	165549	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	162496	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	87658	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50946	5.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.60%			
7) Chloroethane-d5	1.58	69	40653	5.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.60%			
11) 1,1-Dichloroethene-d2	2.13	63	99946	5.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.80%			
20) 2-Butanone-d5	3.95	46	118289	46.71	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.42%			
24) Chloroform-d	4.38	84	115530	5.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.80%			
26) 1,2-Dichloroethane-d4	5.06	65	58421	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
32) Benzene-d6	5.07	84	206807	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.09	67	58741	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.34	98	196183	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
45) trans-1,3-Dichloropropene-	7.64	79	23556	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
48) 2-Hexanone-d5	8.11	63	90962	45.42	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.84%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41996	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	74418	4.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	67952	5.142	ug/L	99
3) Chloromethane	1.25	50	56386	5.035	ug/L	97
5) Vinyl chloride	1.32	62	52635	4.845	ug/L	96
6) Bromomethane	1.53	94	25796	4.074	ug/L	98
8) Chloroethane	1.60	64	32489	5.412	ug/L	99
9) Trichlorofluoromethane	1.77	101	98253	5.585	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	45737	5.216	ug/L	96
12) 1,1-Dichloroethene	2.14	96	42683	5.372	ug/L	92
13) Acetone	2.23	43	65766	51.376	ug/L	89
14) Carbon disulfide	2.31	76	120822	5.075	ug/L	99
15) Methyl Acetate	2.46	43	15791	5.046	ug/L #	88
16) Methylene chloride	2.52	84	44533	5.234	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	103871	5.207	ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	45192	5.368	ug/L	96
19) 1,1-Dichloroethane	3.21	63	102603	5.424	ug/L	100
21) 2-Butanone	4.04	43	117922	48.869	ug/L	91
22) cis-1,2-Dichloroethene	3.94	96	56761	4.930	ug/L	97

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Quant Time: Jun 26 08:24:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 05:12:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	25908	5.295 ug/L	96
25) Chloroform	4.40	83	110545	5.350 ug/L	99
27) 1,2-Dichloroethane	5.16	62	69876	5.443 ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	103087	5.295 ug/L	99
30) Cyclohexane	4.70	56	84580	4.566 ug/L	98
31) Carbon tetrachloride	4.85	117	91861	5.229 ug/L	98
33) Benzene	5.13	78	221600	5.207 ug/L	100
34) Trichloroethene	5.94	95	60446	4.851 ug/L	99
35) Methylcyclohexane	6.15	83	87457	4.515 ug/L	98
37) 1,2-Dichloropropane	6.20	63	53300	5.060 ug/L	98
38) Bromodichloromethane	6.53	83	72242	5.049 ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	72529	4.634 ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	295026	48.506 ug/L	100
42) Toluene	7.41	91	242210	4.896 ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	218461	4.938 ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	231542	5.139 ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	62125	4.589 ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	37366	5.001 ug/L	96
49) Tetrachloroethene	8.00	164	51356	5.120 ug/L	99
50) 2-Hexanone	8.16	43	213486	49.322 ug/L	99
51) Dibromochloromethane	8.27	129	47552	5.250 ug/L	97
52) 1,2-Dibromoethane	8.38	107	35350	4.989 ug/L	92
53) Chlorobenzene	8.90	112	156298	5.068 ug/L	99
54) Ethylbenzene	9.03	91	266758	5.051 ug/L	98
55) m,p-xylene	9.16	106	101461	4.898 ug/L	94
56) o-xylene	9.56	106	96641	5.000 ug/L	98
57) Styrene	9.58	104	169685	5.298 ug/L	99
58) Isopropylbenzene	9.95	105	261162	4.910 ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	43014	5.566 ug/L	100
62) Bromoform	9.75	173	25596	5.458 ug/L	97
63) 1,3-Dichlorobenzene	11.20	146	132817	5.033 ug/L	98
64) 1,4-Dichlorobenzene	11.29	146	131778	4.913 ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	121320	5.066 ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	7994	6.034 ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	99298	4.683 ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	81772	4.685 ug/L	97
70) Naphthalene	13.52	128	115986	4.706 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	72352	5.082 ug/L	99

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

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