Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041020\
Data File : VV015455.D
Acq On : 10 Apr 2020 16:15
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Quant Time: Apr 11 04:51:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 11 04:49:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	116968	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	111827	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58166	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	39528	6.51	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 130.20%#			
7) Chloroethane-d5	1.58	69	32375	5.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.80%			
11) 1,1-Dichloroethene-d2	2.12	63	72935	5.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 114.20%			
20) 2-Butanone-d5	3.96	46	93058	54.61	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.22%			
24) Chloroform-d	4.38	84	68521	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.06	65	38095	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
32) Benzene-d6	5.08	84	136988	5.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.40%			
36) 1,2-Dichloropropane-d6	6.10	67	41405	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.20%			
41) Toluene-d8	7.34	98	132365	5.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.80%			
43) trans-1,3-Dichloropropene-	7.64	79	17845	5.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.20%			
46) 2-Hexanone-d5	8.12	63	76952	47.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.96%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30343	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.00%			
64) 1,2-Dichlorobenzene-d4	11.65	152	46338	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	58104	5.019	ug/L	99
3) Chloromethane	1.25	50	54173	4.914	ug/L	98
5) Vinyl chloride	1.32	62	53382	5.028	ug/L	99
6) Bromomethane	1.53	94	30662	5.226	ug/L	98
8) Chloroethane	1.59	64	31302	5.084	ug/L	100
9) Trichlorofluoromethane	1.76	101	70421	5.185	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	38528	5.022	ug/L	98
12) 1,1-Dichloroethene	2.13	96	37086	5.051	ug/L	96
13) Acetone	2.25	43	66781	55.468	ug/L	94
14) Carbon disulfide	2.30	76	118971	4.648	ug/L	99
15) Methyl Acetate	2.47	43	17711	4.972	ug/L	97
16) Methylene chloride	2.52	84	43230	5.026	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	104074	5.303	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	41915	5.066	ug/L	98
19) 1,1-Dichloroethane	3.21	63	81423	5.220	ug/L	98
21) 2-Butanone	4.04	43	113769	58.476	ug/L #	71
22) cis-1,2-Dichloroethene	3.94	96	45070	5.246	ug/L	96

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	18174	5.085 ug/L	98
25) Chloroform	4.40	83	86319	5.408 ug/L	99
27) 1,2-Dichloroethane	5.16	62	53609	5.195 ug/L #	95
29) 1,1,1-Trichloroethane	4.63	97	76117	5.246 ug/L	98
30) Cyclohexane	4.70	56	76872	4.990 ug/L	98
31) Carbon tetrachloride	4.86	117	64135	5.079 ug/L	100
33) Benzene	5.13	78	174304	5.208 ug/L	100
34) Trichloroethene	5.94	95	46006	5.107 ug/L	97
35) Methylcyclohexane	6.15	83	75360	4.965 ug/L	99
37) 1,2-Dichloropropane	6.20	63	43069	5.188 ug/L	99
38) Bromodichloromethane	6.53	83	57615	5.205 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	65826	5.167 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	282721	51.867 ug/L	98
42) Toluene	7.41	91	189996	5.229 ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	55925	5.192 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	28820	5.165 ug/L	94
47) Tetrachloroethene	8.00	164	34320	5.142 ug/L	99
48) 2-Hexanone	8.16	43	198424	52.099 ug/L	99
49) Dibromochloromethane	8.27	129	34950	5.229 ug/L	97
50) 1,2-Dibromoethane	8.38	107	27905	5.218 ug/L	99
51) Chlorobenzene	8.90	112	120543	5.204 ug/L	99
52) Ethylbenzene	9.03	91	220217	5.264 ug/L	99
53) m,p-xylene	9.16	106	82082	5.196 ug/L	99
54) o-xylene	9.57	106	79915	5.226 ug/L	99
55) Styrene	9.58	104	135493	5.272 ug/L	99
56) Isopropylbenzene	9.95	105	218903	5.222 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	36224	5.334 ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	26864	5.234 ug/L	98
61) Bromoform	9.75	173	16630	4.875 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	96889	5.166 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	97357	5.102 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	86965	5.087 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	6434	4.918 ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	69553	5.133 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	61740	5.058 ug/L	98
69) Naphthalene	13.53	128	107792	4.687 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	53521	4.964 ug/L	99

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

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