Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082319\
Data File : VV012389.D
Acq On : 24 Aug 2019 02:53
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00550

Quant Time: Aug 26 08:08:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 26 07:59:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	246122	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	238783	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	119437	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58454	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%			
7) Chloroethane-d5	1.58	69	43050	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.80%			
11) 1,1-Dichloroethene-d2	2.13	63	108116	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.00%			
20) 2-Butanone-d5	3.96	46	170197	51.34	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.68%			
24) Chloroform-d	4.40	84	137704	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	5.08	65	66929	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.10	84	276167	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.12	67	84514	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.36	98	254129	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	7.67	79	29920	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	8.14	63	104842	50.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.22%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57082	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	87920	4.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	111283	5.294	ug/L	99
3) Chloromethane	1.25	50	84217	5.209	ug/L	100
5) Vinyl chloride	1.32	62	80873	5.158	ug/L	99
6) Bromomethane	1.53	94	37196	5.198	ug/L	94
8) Chloroethane	1.60	64	41826	5.315	ug/L	98
9) Trichlorofluoromethane	1.77	101	117820	5.646	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	57242	5.267	ug/L	95
12) 1,1-Dichloroethene	2.14	96	54870	5.558	ug/L	98
13) Acetone	2.23	43	78958	55.054	ug/L	96
14) Carbon disulfide	2.32	76	161185	5.196	ug/L	98
15) Methyl Acetate	2.47	43	19423	5.380	ug/L	100
16) Methylene chloride	2.53	84	55675	5.060	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	160601	5.398	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	78393	5.340	ug/L	99
19) 1,1-Dichloroethane	3.23	63	149931	5.492	ug/L	97
21) 2-Butanone	4.05	43	191649	56.894	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	80752	5.043	ug/L	99

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Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00550

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 26 07:59:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	34925	5.245 ug/L	97
25) Chloroform	4.42	83	151159	4.963 ug/L	100
27) 1,2-Dichloroethane	5.18	62	88718	5.520 ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	123911	5.194 ug/L	97
30) Cyclohexane	4.72	56	126306	5.125 ug/L	99
31) Carbon tetrachloride	4.87	117	111438	5.282 ug/L	99
33) Benzene	5.14	78	327680	5.382 ug/L	100
34) Trichloroethene	5.96	95	84711	5.155 ug/L	99
35) Methylcyclohexane	6.17	83	125144	4.848 ug/L	100
37) 1,2-Dichloropropane	6.22	63	82078	5.320 ug/L	98
38) Bromodichloromethane	6.55	83	99046	5.204 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	103644	4.997 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	466962	56.341 ug/L	98
42) Toluene	7.43	91	339509	5.459 ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	80711	5.144 ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	54289	5.431 ug/L	97
47) Tetrachloroethene	8.02	164	71048	5.358 ug/L	97
48) 2-Hexanone	8.19	43	346181	58.049 ug/L	93
49) Dibromochloromethane	8.29	129	65120	5.436 ug/L	100
50) 1,2-Dibromoethane	8.40	107	50006	5.291 ug/L	100
51) Chlorobenzene	8.92	112	210423	5.178 ug/L	99
52) Ethylbenzene	9.05	91	349984	5.228 ug/L	99
53) m,p-xylene	9.18	106	135696	5.407 ug/L	99
54) o-xylene	9.59	106	126840	5.311 ug/L	97
55) Styrene	9.60	104	220715	5.524 ug/L	96
56) Isopropylbenzene	9.97	105	342372	5.356 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	57951	5.401 ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	45152	5.327 ug/L	99
61) Bromoform	9.77	173	33949	4.955 ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	166490	5.133 ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	161740	4.979 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	153674	5.152 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	7792	4.557 ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	117537	4.733 ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	84379	4.875 ug/L	100
69) Naphthalene	13.55	128	108781	4.540 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	81024	4.997 ug/L	96

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

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