Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081619\
Data File : VV012262.D
Acq On : 16 Aug 2019 09:17
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Quant Time: Aug 16 23:35:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 16 11:51:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	215486	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	216489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	111342	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	73789	5.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 111.20%			
7) Chloroethane-d5	1.58	69	54455	5.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.40%			
11) 1,1-Dichloroethene-d2	2.13	63	126761	5.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 116.60%			
20) 2-Butanone-d5	3.97	46	151291	52.76	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.52%			
24) Chloroform-d	4.40	84	138268	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
26) 1,2-Dichloroethane-d4	5.08	65	64116	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
32) Benzene-d6	5.09	84	275768	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.12	67	78063	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.36	98	255725	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
43) trans-1,3-Dichloropropene-	7.66	79	30864	5.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.00%			
46) 2-Hexanone-d5	8.14	63	104562	52.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.52%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55598	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	93387	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	109587	5.299	ug/L	100
3) Chloromethane	1.25	50	95247	5.085	ug/L	98
5) Vinyl chloride	1.32	62	102988	5.351	ug/L	97
6) Bromomethane	1.53	94	45510	4.184	ug/L	99
8) Chloroethane	1.60	64	59068	5.321	ug/L	100
9) Trichlorofluoromethane	1.77	101	137748	5.690	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	73223	5.982	ug/L	99
12) 1,1-Dichloroethene	2.14	96	66880	5.900	ug/L	97
13) Acetone	2.24	43	101490	56.798	ug/L	66
14) Carbon disulfide	2.31	76	191399	5.765	ug/L	99
15) Methyl Acetate	2.47	43	23095	5.120	ug/L	94
16) Methylene chloride	2.53	84	68370	5.593	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	178485	5.716	ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	84984	5.619	ug/L	95
19) 1,1-Dichloroethane	3.23	63	158954	5.740	ug/L	99
21) 2-Butanone	4.05	43	199399	54.576	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	86997	5.209	ug/L	99

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Quant Time: Aug 16 23:35:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 16 11:51:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	39619	5.565 ug/L	97
25) Chloroform	4.42	83	164304	5.225 ug/L	98
27) 1,2-Dichloroethane	5.18	62	96032	5.560 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	142461	5.380 ug/L	99
30) Cyclohexane	4.72	56	133890	5.077 ug/L	99
31) Carbon tetrachloride	4.87	117	129381	5.401 ug/L	98
33) Benzene	5.14	78	348590	5.338 ug/L	100
34) Trichloroethene	5.96	95	91455	5.170 ug/L	97
35) Methylcyclohexane	6.17	83	143164	5.209 ug/L	99
37) 1,2-Dichloropropane	6.22	63	85610	5.254 ug/L	99
38) Bromodichloromethane	6.55	83	111436	5.309 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	114276	5.093 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	490042	54.706 ug/L	99
42) Toluene	7.43	91	377401	5.432 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	93231	5.280 ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	57705	5.310 ug/L	98
47) Tetrachloroethene	8.02	164	77119	5.289 ug/L	97
48) 2-Hexanone	8.19	43	351562	55.683 ug/L	97
49) Dibromochloromethane	8.29	129	74351	5.511 ug/L	94
50) 1,2-Dibromoethane	8.40	107	55758	5.311 ug/L	95
51) Chlorobenzene	8.92	112	237251	5.274 ug/L	98
52) Ethylbenzene	9.05	91	397341	5.367 ug/L	100
53) m,p-xylene	9.18	106	155882	5.483 ug/L	99
54) o-xylene	9.59	106	148038	5.502 ug/L	95
55) Styrene	9.60	104	252195	5.609 ug/L	98
56) Isopropylbenzene	9.97	105	390441	5.426 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	65831	5.221 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	49718	5.378 ug/L	99
61) Bromoform	9.78	173	37674	5.249 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	197447	5.328 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	192413	5.209 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	177616	5.223 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	9517	4.396 ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	139843	4.997 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	103249	4.963 ug/L	99
69) Naphthalene	13.55	128	144071	4.791 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	101251	5.154 ug/L	99

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

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00543

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