Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012628.D
Acq On : 09 Sep 2019 17:22
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00546

Quant Time: Sep 10 09:29:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 10 09:23:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	514679	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	489170	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	253809	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	154824	4.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.80%			
7) Chloroethane-d5	1.58	69	132124	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.13	63	263225	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.40%			
20) 2-Butanone-d5	3.97	46	420538	50.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.12%			
24) Chloroform-d	4.40	84	294387	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
26) 1,2-Dichloroethane-d4	5.08	65	142482	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
32) Benzene-d6	5.09	84	572330	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.12	67	184373	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.36	98	527628	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
43) trans-1,3-Dichloropropene-	7.66	79	64968	5.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.80%			
46) 2-Hexanone-d5	8.14	63	256761	53.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.30%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	127690	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	207162	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	216521	4.988	ug/L	99
3) Chloromethane	1.25	50	209043	4.770	ug/L	100
5) Vinyl chloride	1.32	62	214634	4.799	ug/L	98
6) Bromomethane	1.53	94	119501	4.874	ug/L	99
8) Chloroethane	1.60	64	127610	4.825	ug/L	98
9) Trichlorofluoromethane	1.77	101	280057	4.991	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	165353	4.926	ug/L	100
12) 1,1-Dichloroethene	2.14	96	153272	4.794	ug/L	92
13) Acetone	2.23	43	244389	49.629	ug/L	99
14) Carbon disulfide	2.31	76	414024	4.815	ug/L	99
15) Methyl Acetate	2.47	43	61892	4.672	ug/L	100
16) Methylene chloride	2.53	84	166841	4.269	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	371185	4.949	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	177288	4.932	ug/L	99
19) 1,1-Dichloroethane	3.22	63	339140	5.012	ug/L	99
21) 2-Butanone	4.05	43	447458	52.987	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	196650	5.036	ug/L	96

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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00546

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 10 09:23:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	81337	4.874 ug/L	97
25) Chloroform	4.42	83	345885	4.641 ug/L	98
27) 1,2-Dichloroethane	5.18	62	191462	4.901 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	275899	5.124 ug/L	100
30) Cyclohexane	4.72	56	287714	5.367 ug/L	99
31) Carbon tetrachloride	4.87	117	243131	5.127 ug/L	100
33) Benzene	5.14	78	748591	5.236 ug/L	100
34) Trichloroethene	5.96	95	204085	5.166 ug/L	98
35) Methylcyclohexane	6.17	83	302145	5.411 ug/L	99
37) 1,2-Dichloropropane	6.22	63	187070	5.254 ug/L	99
38) Bromodichloromethane	6.55	83	228991	4.965 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	248728	5.324 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	1063085	53.854 ug/L	99
42) Toluene	7.43	91	802972	5.406 ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	190494	5.407 ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	125836	5.074 ug/L	97
47) Tetrachloroethene	8.02	164	161942	5.222 ug/L	99
48) 2-Hexanone	8.19	43	786615	55.690 ug/L	100
49) Dibromochloromethane	8.29	129	150238	5.093 ug/L	99
50) 1,2-Dibromoethane	8.39	107	112693	5.127 ug/L	97
51) Chlorobenzene	8.92	112	508817	5.211 ug/L	99
52) Ethylbenzene	9.05	91	858359	5.373 ug/L	100
53) m,p-xylene	9.18	106	325841	5.396 ug/L	100
54) o-xylene	9.59	106	316716	5.476 ug/L	99
55) Styrene	9.60	104	540479	5.620 ug/L	99
56) Isopropylbenzene	9.97	105	846171	5.523 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	124347	5.029 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	106390	5.065 ug/L	99
61) Bromoform	9.77	173	80701	4.769 ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	408387	5.194 ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	402506	5.071 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	371860	5.023 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	19070	4.943 ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	306706	5.150 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	243997	5.175 ug/L	99
69) Naphthalene	13.55	128	365862	5.133 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	234270	5.270 ug/L	99

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

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