Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112619\
Data File : VV013789.D
Acq On : 26 Nov 2019 16:02
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00551

Quant Time: Nov 27 03:01:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	364319	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	336922	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	175567	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.31	65	87105	3.86	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.20%				
7) Chloroethane-d5	1.58	69	81957	4.28	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.60%				
11) 1,1-Dichloroethene-d2	2.12	63	163808	4.32	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.40%				
20) 2-Butanone-d5	3.95	46	277376	59.17	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.34%				
24) Chloroform-d	4.39	84	202552	4.46	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%				
26) 1,2-Dichloroethane-d4	5.07	65	107199	4.95	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%				
32) Benzene-d6	5.09	84	399206	4.59	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%				
36) 1,2-Dichloropropane-d6	6.11	67	121509	4.69	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%				
41) Toluene-d8	7.35	98	357420	4.38	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%				
43) trans-1,3-Dichloropropene-	7.66	79	46292	4.59	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.80%				
46) 2-Hexanone-d5	8.13	63	217897	58.59	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.18%				
57) 1,1,2,2-Tetrachloroethane-	10.25	84	97015	5.40	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.00%				
64) 1,2-Dichlorobenzene-d4	11.67	152	142078	4.58	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	127873	5.270	ug/L		97
3) Chloromethane	1.25	50	109908	5.158	ug/L		99
5) Vinyl chloride	1.32	62	114800	5.275	ug/L		99
6) Bromomethane	1.53	94	66576	5.809	ug/L		100
8) Chloroethane	1.60	64	68491	5.222	ug/L		99
9) Trichlorofluoromethane	1.76	101	177242	5.244	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	107978	5.377	ug/L		100
12) 1,1-Dichloroethene	2.13	96	92062	5.256	ug/L		82
13) Acetone	2.22	43	189764	57.890	ug/L	#	52
14) Carbon disulfide	2.31	76	200124	4.949	ug/L		99
15) Methyl Acetate	2.47	43	45016	6.134	ug/L		99
16) Methylene chloride	2.53	84	114984	4.792	ug/L		98
17) Methyl tert-butyl Ether	2.80	73	264069	5.509	ug/L		99
18) trans-1,2-Dichloroethene	2.78	96	102553	5.185	ug/L		97
19) 1,1-Dichloroethane	3.22	63	209202	5.298	ug/L		98
21) 2-Butanone	4.04	43	302831	61.118	ug/L		100
22) cis-1,2-Dichloroethene	3.95	96	121229	5.227	ug/L		98

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00551

Quant Time: Nov 27 03:01:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	59038	5.792 ug/L	98
25) Chloroform	4.42	83	232346	5.550 ug/L	100
27) 1,2-Dichloroethane	5.17	62	130049	5.428 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	189037	5.485 ug/L	99
30) Cyclohexane	4.72	56	149354	5.187 ug/L	97
31) Carbon tetrachloride	4.87	117	166630	5.495 ug/L	99
33) Benzene	5.14	78	454604	5.501 ug/L	100
34) Trichloroethene	5.95	95	118604	5.202 ug/L	98
35) Methylcyclohexane	6.17	83	154515	5.079 ug/L	97
37) 1,2-Dichloropropane	6.22	63	117538	5.533 ug/L	99
38) Bromodichloromethane	6.55	83	154537	5.514 ug/L	96
39) cis-1,3-Dichloropropene	7.06	75	159948	5.307 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	734132	59.234 ug/L	100
42) Toluene	7.42	91	475697	5.366 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	125226	5.308 ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	84949	5.612 ug/L	98
47) Tetrachloroethene	8.01	164	102253	5.165 ug/L	98
48) 2-Hexanone	8.18	43	534777	60.451 ug/L	97
49) Dibromochloromethane	8.28	129	109402	5.635 ug/L	99
50) 1,2-Dibromoethane	8.39	107	77252	5.635 ug/L	99
51) Chlorobenzene	8.92	112	311202	5.045 ug/L	99
52) Ethylbenzene	9.05	91	499716	5.189 ug/L	99
53) m,p-xylene	9.18	106	192863	5.253 ug/L	99
54) o-xylene	9.58	106	187420	5.229 ug/L	98
55) Styrene	9.60	104	328345	5.306 ug/L	98
56) Isopropylbenzene	9.97	105	498531	5.104 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	99075	5.957 ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	74166	5.688 ug/L	99
61) Bromoform	9.77	173	65760	5.952 ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	261027	5.118 ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	252724	4.868 ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	252461	5.333 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	15860	5.765 ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	206366	4.790 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	151756	4.295 ug/L	99
69) Naphthalene	13.55	128	195712	4.068 ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	154269	4.793 ug/L	96

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

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