Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112619\
Data File : VV013777.D
Acq On : 26 Nov 2019 10:24
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00550

Quant Time: Nov 27 01:08:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 15:40:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	367318	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	361323	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	205681	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	96560	4.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.00%			
7) Chloroethane-d5	1.58	69	89524	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	2.13	63	179162	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.60%			
20) 2-Butanone-d5	3.95	46	248798	52.64	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.28%			
24) Chloroform-d	4.39	84	219361	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.07	65	107165	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.09	84	428349	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.11	67	128654	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.60%			
41) Toluene-d8	7.35	98	400607	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
43) trans-1,3-Dichloropropene-	7.66	79	49018	4.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.60%			
46) 2-Hexanone-d5	8.13	63	202826	50.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.70%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	93242	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	167126	4.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	132277	5.407	ug/L	98
3) Chloromethane	1.25	50	101337	4.717	ug/L	100
5) Vinyl chloride	1.32	62	117293	5.345	ug/L	87
6) Bromomethane	1.53	94	56009	4.847	ug/L	99
8) Chloroethane	1.60	64	74038	5.599	ug/L	98
9) Trichlorofluoromethane	1.77	101	186434	5.471	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	113822	5.621	ug/L	99
12) 1,1-Dichloroethene	2.14	96	95603	5.413	ug/L	88
13) Acetone	2.21	43	172265	52.123	ug/L #	57
14) Carbon disulfide	2.31	76	214273	5.256	ug/L	98
15) Methyl Acetate	2.47	43	40078	5.417	ug/L	98
16) Methylene chloride	2.53	84	115021	4.755	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	249427	5.161	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	106771	5.354	ug/L	98
19) 1,1-Dichloroethane	3.22	63	216067	5.427	ug/L	99
21) 2-Butanone	4.04	43	262862	52.618	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	123033	5.261	ug/L	99

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00550

Quant Time: Nov 27 01:08:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 15:40:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	56739	5.521 ug/L	99
25) Chloroform	4.42	83	230187	5.454 ug/L	99
27) 1,2-Dichloroethane	5.17	62	127488	5.278 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	196112	5.306 ug/L	99
30) Cyclohexane	4.72	56	157183	5.090 ug/L	98
31) Carbon tetrachloride	4.87	117	174957	5.380 ug/L	100
33) Benzene	5.14	78	464021	5.236 ug/L	100
34) Trichloroethene	5.95	95	126601	5.178 ug/L	96
35) Methylcyclohexane	6.17	83	167004	5.119 ug/L	97
37) 1,2-Dichloropropane	6.21	63	121993	5.355 ug/L	98
38) Bromodichloromethane	6.55	83	153741	5.115 ug/L	97
39) cis-1,3-Dichloropropene	7.06	75	159515	4.935 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	672870	50.625 ug/L	99
42) Toluene	7.42	91	502423	5.285 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	128164	5.066 ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	84414	5.200 ug/L	99
47) Tetrachloroethene	8.01	164	114425	5.390 ug/L	98
48) 2-Hexanone	8.18	43	494319	52.104 ug/L	98
49) Dibromochloromethane	8.28	129	111873	5.373 ug/L	97
50) 1,2-Dibromoethane	8.39	107	77992	5.305 ug/L	99
51) Chlorobenzene	8.92	112	349977	5.291 ug/L	99
52) Ethylbenzene	9.05	91	554330	5.368 ug/L	97
53) m,p-xylene	9.18	106	215499	5.474 ug/L	99
54) o-xylene	9.58	106	196130	5.103 ug/L	100
55) Styrene	9.60	104	349168	5.261 ug/L	96
56) Isopropylbenzene	9.97	105	548236	5.234 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	93375	5.235 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	70626	5.051 ug/L	99
61) Bromoform	9.77	173	65972	5.097 ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	313920	5.254 ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	309927	5.096 ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	281213	5.071 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	15370	4.769 ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	258434	5.120 ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	203734	4.922 ug/L	99
69) Naphthalene	13.55	128	247967	4.400 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	187788	4.980 ug/L	98

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

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