Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\
Data File : VV011591.D
Acq On : 18 Jun 2019 22:57
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00558

Quant Time: Jun 19 02:14:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 02:08:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	181202	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	169376	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74881	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	53726	3.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.60%			
7) Chloroethane-d5	1.58	69	39811	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.80%			
11) 1,1-Dichloroethene-d2	2.12	63	112198	4.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.20%			
20) 2-Butanone-d5	3.96	46	201366	52.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.62%			
24) Chloroform-d	4.40	84	125389	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.08	65	71466	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.09	84	236006	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.12	67	73455	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	7.36	98	211529	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
43) trans-1,3-Dichloropropene-	7.66	79	25368	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.14	63	152755	49.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.18%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57744	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	73092	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	86799	5.370	ug/L	99
3) Chloromethane	1.25	50	77511	4.427	ug/L	99
5) Vinyl chloride	1.32	62	78815	4.558	ug/L	98
6) Bromomethane	1.53	94	29521	4.083	ug/L	99
8) Chloroethane	1.59	64	39122	4.672	ug/L	99
9) Trichlorofluoromethane	1.76	101	99430	5.220	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	57644	5.298	ug/L	99
12) 1,1-Dichloroethene	2.13	96	53515	4.749	ug/L	94
13) Acetone	2.21	43	115908	44.678	ug/L	99
14) Carbon disulfide	2.31	76	132635	4.354	ug/L	99
15) Methyl Acetate	2.47	43	29486	4.287	ug/L	98
16) Methylene chloride	2.53	84	60212	4.701	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	160079	4.737	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	62298	4.889	ug/L	96
19) 1,1-Dichloroethane	3.22	63	126671	4.805	ug/L	97
21) 2-Butanone	4.04	43	195586	47.652	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	69301	4.801	ug/L	93

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00558

Quant Time: Jun 19 02:14:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 02:08:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	26723	4.710 ug/L	94
25) Chloroform	4.42	83	128646	4.863 ug/L	96
27) 1,2-Dichloroethane	5.18	62	87369	4.686 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	103580	4.915 ug/L	99
30) Cyclohexane	4.72	56	111908	5.140 ug/L	100
31) Carbon tetrachloride	4.87	117	88580	5.194 ug/L	95
33) Benzene	5.14	78	273679	4.947 ug/L	100
34) Trichloroethene	5.96	95	71064	5.037 ug/L	99
35) Methylcyclohexane	6.17	83	110112	5.474 ug/L	98
37) 1,2-Dichloropropane	6.22	63	69010	4.686 ug/L	100
38) Bromodichloromethane	6.55	83	78300	4.680 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	89495	4.828 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	500311	47.659 ug/L	99
42) Toluene	7.43	91	285426	4.979 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	69561	4.906 ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	48014	4.884 ug/L	95
47) Tetrachloroethene	8.02	164	51960	5.165 ug/L	97
48) 2-Hexanone	8.19	43	356181	48.265 ug/L	100
49) Dibromochloromethane	8.29	129	47708	4.830 ug/L	100
50) 1,2-Dibromoethane	8.40	107	42972	4.834 ug/L	97
51) Chlorobenzene	8.93	112	174148	4.946 ug/L	100
52) Ethylbenzene	9.05	91	306961	5.097 ug/L	99
53) m,p-xylene	9.18	106	112911	5.124 ug/L	98
54) o-xylene	9.59	106	111123	5.021 ug/L	99
55) Styrene	9.60	104	184941	5.038 ug/L	99
56) Isopropylbenzene	9.97	105	296590	5.265 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	54972	4.573 ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	43007	4.678 ug/L	99
61) Bromoform	9.77	173	22026	4.613 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	119713	4.931 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	120451	4.870 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	120578	4.934 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	7520	4.237 ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	86824	4.896 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	64971	4.563 ug/L	98
69) Naphthalene	13.55	128	119947	4.283 ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	64576	4.676 ug/L	100

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

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