Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072319\
Data File : VV011979.D
Acq On : 23 Jul 2019 21:42
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00545

Quant Time: Jul 24 05:58:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 05:52:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	124023	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	117718	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62294	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	34034	5.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.60%			
7) Chloroethane-d5	1.58	69	28372	5.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.00%			
11) 1,1-Dichloroethene-d2	2.13	63	73639	5.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 114.80%			
20) 2-Butanone-d5	3.94	46	107983	57.31	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.62%			
24) Chloroform-d	4.40	84	90939	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.60%			
26) 1,2-Dichloroethane-d4	5.08	65	51766	6.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.00%			
32) Benzene-d6	5.10	84	188550	5.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.80%			
36) 1,2-Dichloropropane-d6	6.12	67	53653	5.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 114.20%			
41) Toluene-d8	7.36	98	180752	5.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.80%			
43) trans-1,3-Dichloropropene-	7.66	79	22050	5.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 115.60%			
46) 2-Hexanone-d5	8.13	63	89961	58.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.50%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38744	5.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	71206	5.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	63631	4.964	ug/L	98
3) Chloromethane	1.25	50	39120	5.259	ug/L	96
5) Vinyl chloride	1.33	62	39411	5.174	ug/L	97
6) Bromomethane	1.53	94	21783	4.863	ug/L	100
8) Chloroethane	1.60	64	22921	5.087	ug/L	98
9) Trichlorofluoromethane	1.77	101	75007	5.343	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	32514	5.152	ug/L	98
12) 1,1-Dichloroethene	2.15	96	29226	5.178	ug/L	93
13) Acetone	2.19	43	43969	43.291	ug/L	97
14) Carbon disulfide	2.32	76	80234	4.987	ug/L	100
15) Methyl Acetate	2.46	43	9900	4.465	ug/L	95
16) Methylene chloride	2.54	84	28723	4.538	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	96947	5.033	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	44541	5.067	ug/L	99
19) 1,1-Dichloroethane	3.23	63	80778	5.203	ug/L	97
21) 2-Butanone	4.02	43	96075	49.310	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	47595	5.038	ug/L	98

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Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00545

Quant Time: Jul 24 05:58:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 05:52:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	19896	5.123 ug/L	98
25) Chloroform	4.43	83	95883	5.113 ug/L	100
27) 1,2-Dichloroethane	5.18	62	53498	5.131 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	79098	5.250 ug/L	99
30) Cyclohexane	4.73	56	68520	4.814 ug/L	100
31) Carbon tetrachloride	4.88	117	70523	5.199 ug/L	99
33) Benzene	5.15	78	179576	5.186 ug/L	100
34) Trichloroethene	5.96	95	48975	5.093 ug/L	97
35) Methylcyclohexane	6.18	83	75386	5.037 ug/L	97
37) 1,2-Dichloropropane	6.22	63	43370	5.210 ug/L	99
38) Bromodichloromethane	6.56	83	56752	5.102 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	62313	5.050 ug/L	96
40) 4-Methyl-2-pentanone	7.27	43	238798	51.339 ug/L	99
42) Toluene	7.43	91	195515	5.260 ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	48988	4.991 ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	28383	4.937 ug/L	95
47) Tetrachloroethene	8.02	164	42291	5.097 ug/L	94
48) 2-Hexanone	8.18	43	168751	51.718 ug/L	97
49) Dibromochloromethane	8.29	129	37319	5.301 ug/L	95
50) 1,2-Dibromoethane	8.40	107	28102	5.177 ug/L	100
51) Chlorobenzene	8.92	112	124334	5.109 ug/L	98
52) Ethylbenzene	9.05	91	217638	5.130 ug/L	100
53) m,p-xylene	9.18	106	84386	5.225 ug/L	97
54) o-xylene	9.59	106	80925	5.285 ug/L	98
55) Styrene	9.60	104	137968	5.347 ug/L	93
56) Isopropylbenzene	9.97	105	221815	5.187 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	32334	5.189 ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	25385	5.228 ug/L	98
61) Bromoform	9.77	173	19237	5.031 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	104403	5.124 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	106602	5.082 ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	98211	5.236 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	5367	4.925 ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	86375	5.069 ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	67682	4.891 ug/L	98
69) Naphthalene	13.55	128	97685	4.681 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	62887	5.009 ug/L	99

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

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