Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV013120\
Data File : VV014449.D
Acq On : 31 Jan 2020 13:14
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00555

Quant Time: Jan 31 23:12:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 31 23:09:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	226299	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	207220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	98452	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58725	4.49	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.80%			
7) Chloroethane-d5	1.59	69	40607	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.00%			
11) 1,1-Dichloroethene-d2	2.13	63	85999	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.20%			
20) 2-Butanone-d5	3.95	46	107683	40.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.62%			
24) Chloroform-d	4.39	84	126194	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
26) 1,2-Dichloroethane-d4	5.07	65	59156	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.09	84	277779	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.11	67	84164	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	7.35	98	258718	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
43) trans-1,3-Dichloropropene-	7.66	79	34320	4.67	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.40%			
46) 2-Hexanone-d5	8.13	63	130792	48.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.76%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	59667	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	85501	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	89259	4.884	ug/L	100
3) Chloromethane	1.26	50	73149	5.203	ug/L	99
5) Vinyl chloride	1.32	62	70009	4.964	ug/L	98
6) Bromomethane	1.54	94	29080	6.174	ug/L	98
8) Chloroethane	1.60	64	35162	4.996	ug/L	96
9) Trichlorofluoromethane	1.77	101	93533	5.083	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	47224	4.749	ug/L	98
12) 1,1-Dichloroethene	2.14	96	43535	4.788	ug/L	99
13) Acetone	2.21	43	55745	34.570	ug/L	76
14) Carbon disulfide	2.32	76	219133	4.719	ug/L	99
15) Methyl Acetate	2.47	43	29499	7.120	ug/L #	86
16) Methylene chloride	2.53	84	81450	4.604	ug/L	95
17) Methyl tert-butyl Ether	2.80	73	159988	4.841	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	77218	4.881	ug/L	99
19) 1,1-Dichloroethane	3.23	63	138580	4.817	ug/L	100
21) 2-Butanone	4.03	43	129949	44.060	ug/L	90
22) cis-1,2-Dichloroethene	3.96	96	84072	4.916	ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 31 23:09:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	31446	4.943 ug/L	97
25) Chloroform	4.42	83	145918	5.050 ug/L	98
27) 1,2-Dichloroethane	5.17	62	73151	4.708 ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	120785	4.919 ug/L	99
30) Cyclohexane	4.72	56	137777	4.863 ug/L	99
31) Carbon tetrachloride	4.87	117	100713	4.823 ug/L	98
33) Benzene	5.14	78	319790	4.930 ug/L	100
34) Trichloroethene	5.96	95	81355	4.776 ug/L	93
35) Methylcyclohexane	6.17	83	141040	4.813 ug/L	98
37) 1,2-Dichloropropane	6.22	63	75273	4.708 ug/L	99
38) Bromodichloromethane	6.55	83	94696	4.835 ug/L	95
39) cis-1,3-Dichloropropene	7.06	75	118124	4.876 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	421406	48.059 ug/L	99
42) Toluene	7.42	91	339851	4.928 ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	90116	4.938 ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	49165	4.717 ug/L	98
47) Tetrachloroethene	8.01	164	60821	4.969 ug/L	98
48) 2-Hexanone	8.18	43	286220	46.854 ug/L	97
49) Dibromochloromethane	8.28	129	61653	4.973 ug/L	100
50) 1,2-Dibromoethane	8.39	107	48000	4.985 ug/L	97
51) Chlorobenzene	8.92	112	211845	4.950 ug/L	98
52) Ethylbenzene	9.05	91	381173	4.922 ug/L	99
53) m,p-xylene	9.18	106	142227	4.930 ug/L	99
54) o-xylene	9.58	106	140294	4.980 ug/L	98
55) Styrene	9.60	104	229679	4.966 ug/L	97
56) Isopropylbenzene	9.97	105	368977	4.996 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	61444	5.072 ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	43392	4.880 ug/L	99
61) Bromoform	9.77	173	30219	5.057 ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	161725	5.055 ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	158533	4.970 ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	145896	5.053 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	9673	4.243 ug/L	92
67) 1,3,5-Trichlorobenzene	12.68	180	117616	4.980 ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	100656	5.070 ug/L	98
69) Naphthalene	13.55	128	170795	4.887 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	86975	5.066 ug/L	99

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

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