Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111419\
Data File : VV013633.D
Acq On : 14 Nov 2019 20:28
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00559

Quant Time: Nov 15 02:45:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 02:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	355553	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	355889	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	190324	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	103424	4.53	ug/L	-0.03
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.60%			
7) Chloroethane-d5	1.58	69	92091	5.06	ug/L	-0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.20%			
11) 1,1-Dichloroethene-d2	2.13	63	184617	4.72	ug/L	-0.03
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.40%			
20) 2-Butanone-d5	3.95	46	263180	64.35	ug/L	-0.08
Spiked Amount 50.000	Range 40 - 130		Recovery = 128.70%			
24) Chloroform-d	4.40	84	233331	5.95	ug/L	-0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 119.00%			
26) 1,2-Dichloroethane-d4	5.08	65	112600	5.89	ug/L	-0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.80%			
32) Benzene-d6	5.09	84	436928	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
36) 1,2-Dichloropropane-d6	6.11	67	134256	4.56	ug/L	-0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	7.36	98	406564	4.68	ug/L	-0.04
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloropropene-	7.66	79	50991	4.66	ug/L	-0.04
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
46) 2-Hexanone-d5	8.13	63	224840	51.50	ug/L	-0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.00%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103415	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	162017	4.82	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	153587	4.643	ug/L	98
3) Chloromethane	1.25	50	158203	5.298	ug/L	100
5) Vinyl chloride	1.32	62	147102	5.059	ug/L	99
6) Bromomethane	1.53	94	87314	5.443	ug/L	97
8) Chloroethane	1.60	64	84304	5.352	ug/L	98
9) Trichlorofluoromethane	1.77	101	195124	4.982	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	105815	4.758	ug/L	100
12) 1,1-Dichloroethene	2.14	96	109895	5.317	ug/L	85
13) Acetone	2.21	43	179173	67.751	ug/L #	61
14) Carbon disulfide	2.32	76	330379	5.528	ug/L	97
15) Methyl Acetate	2.47	43	47726	6.267	ug/L	91
16) Methylene chloride	2.53	84	134703	5.997	ug/L	95
17) Methyl tert-butyl Ether	2.80	73	264009	5.457	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	125211	5.660	ug/L	97
19) 1,1-Dichloroethane	3.23	63	241601	6.105	ug/L	97
21) 2-Butanone	4.03	43	292642	59.780	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	137568	5.667	ug/L #	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 02:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	63102	5.859 ug/L	93
25) Chloroform	4.42	83	275438	5.561 ug/L	98
27) 1,2-Dichloroethane	5.18	62	148972	5.470 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	211040	5.497 ug/L	97
30) Cyclohexane	4.72	56	181380	4.756 ug/L	93
31) Carbon tetrachloride	4.87	117	183300	5.322 ug/L	99
33) Benzene	5.14	78	534102	5.137 ug/L	100
34) Trichloroethene	5.95	95	132538	4.542 ug/L	99
35) Methylcyclohexane	6.17	83	181846	4.288 ug/L	97
37) 1,2-Dichloropropane	6.22	63	131009	4.880 ug/L #	96
38) Bromodichloromethane	6.55	83	171344	4.665 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	177175	4.772 ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	749030	49.886 ug/L	99
42) Toluene	7.43	91	569662	5.045 ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	142022	5.000 ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	92955	4.830 ug/L	97
47) Tetrachloroethene	8.02	164	121614	4.581 ug/L	98
48) 2-Hexanone	8.18	43	560308	53.041 ug/L	97
49) Dibromochloromethane	8.29	129	117666	4.867 ug/L	100
50) 1,2-Dibromoethane	8.39	107	83907	4.772 ug/L	97
51) Chlorobenzene	8.92	112	369064	4.987 ug/L	98
52) Ethylbenzene	9.05	91	580144	4.903 ug/L	100
53) m,p-xylene	9.18	106	221867	4.922 ug/L	100
54) o-xylene	9.58	106	211838	5.029 ug/L	100
55) Styrene	9.60	104	381422	5.196 ug/L	99
56) Isopropylbenzene	9.97	105	568568	5.029 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	105872	5.011 ug/L	96
59) 1,2,3-Trichloropropane	10.31	75	78520	4.801 ug/L	99
61) Bromoform	9.77	173	68021	4.760 ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	303794	4.946 ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	304286	4.839 ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	284310	5.007 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	16014	4.609 ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	240729	4.832 ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	192214	4.990 ug/L	99
69) Naphthalene	13.55	128	240970	4.955 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	182436	5.094 ug/L	98

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

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