Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111319\
Data File : VV013603.D
Acq On : 13 Nov 2019 13:44
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV35

Manual Integrations APPROVED
MMDadoda
11/14/2019 11:14:58 AM

Quant Time: Nov 14 06:20:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 14 06:01:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	444224	5.00	ug/L	-0.04
28) Chlorobenzene-d5	8.91	117	435038	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	235192	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.35	65	143976	5.05	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.00%			
7) Chloroethane-d5	1.61	69	115835	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.80%			
11) 1,1-Dichloroethene-d2	2.15	63	255140	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.40%			
20) 2-Butanone-d5	4.03	46	256712	50.24	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.48%			
24) Chloroform-d	4.42	84	251634	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	5.09	65	113512	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	5.10	84	478030	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	6.13	67	177945	4.95	ug/L	-0.04
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.40	98	539723	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
43) trans-1,3-Dichloropropene-	7.70	79	62186	4.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.00%			
46) 2-Hexanone-d5	8.16	63	246562	46.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.40%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	120996	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	195613	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.17	85	229084	5.543	ug/L	98
3) Chloromethane	1.28	50	206166	5.526	ug/L	99
5) Vinyl chloride	1.35	62	196440	5.408	ug/L	99
6) Bromomethane	1.56	94	113579	5.668	ug/L	99
8) Chloroethane	1.63	64	110151	5.597	ug/L	99
9) Trichlorofluoromethane	1.79	101	271504	5.548	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.16	101	149025	5.363	ug/L	98
12) 1,1-Dichloroethene	2.16	96	139827	5.415	ug/L	94
13) Acetone	2.29	43	180647	54.674	ug/L #	64
14) Carbon disulfide	2.34	76	399313	5.348	ug/L	100
15) Methyl Acetate	2.51	43	54121	5.689	ug/L	90
16) Methylene chloride	2.56	84	147800	5.267	ug/L	100
17) Methyl tert-butyl Ether	2.85	73	334103	5.528	ug/L	99
18) trans-1,2-Dichloroethene	2.82	96	153317	5.547	ug/L	96
19) 1,1-Dichloroethane	3.26	63	275255	5.567	ug/L	99
21) 2-Butanone	4.12	43	319267	52.201	ug/L	99
22) cis-1,2-Dichloroethene	3.99	96	169301	5.582	ug/L #	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.32	128	72417	5.382 ug/L	99
25) Chloroform	4.45	83	297102	4.801 ug/L	98
27) 1,2-Dichloroethane	5.19	62	157685	4.634 ug/L	98
29) 1,1,1-Trichloroethane	4.67	97	247369	5.271 ug/L	98
30) Cyclohexane	4.72	56	237715	5.099 ug/L	99
31) Carbon tetrachloride	4.87	117	219227	5.207 ug/L	100
33) Benzene	5.14	78	573243	4.510 ug/L	100
34) Trichloroethene	5.95	95	187417	5.254 ug/L	98
35) Methylcyclohexane	6.17	83	283149m	5.462 ug/L	
37) 1,2-Dichloropropane	6.23	63	172212	5.247 ug/L #	96
38) Bromodichloromethane	6.58	83	226093	5.036 ug/L	100
39) cis-1,3-Dichloropropene	7.12	75	228746	5.040 ug/L	98
40) 4-Methyl-2-pentanone	7.32	43	990036	53.941 ug/L	100
42) Toluene	7.47	91	749648	5.431 ug/L	99
44) trans-1,3-Dichloropropene	7.73	75	179861	5.180 ug/L	98
45) 1,1,2-Trichloroethane	7.91	97	118523	5.038 ug/L	97
47) Tetrachloroethene	8.05	164	163183	5.029 ug/L	99
48) 2-Hexanone	8.21	43	744714	57.671 ug/L	97
49) Dibromochloromethane	8.31	129	146588	4.960 ug/L	100
50) 1,2-Dibromoethane	8.42	107	107978	5.023 ug/L	94
51) Chlorobenzene	8.94	112	467381	5.167 ug/L	99
52) Ethylbenzene	9.07	91	753013	5.206 ug/L	100
53) m,p-xylene	9.19	106	293490	5.326 ug/L	98
54) o-xylene	9.59	106	273181	5.306 ug/L	98
55) Styrene	9.61	104	510710	5.692 ug/L	99
56) Isopropylbenzene	9.98	105	767108	5.550 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	127633	4.942 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	102408	5.122 ug/L	99
61) Bromoform	9.78	173	89312	5.057 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	403124	5.311 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	399805	5.145 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	360523	5.138 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	19735	4.596 ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	303594	4.932 ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	228226	4.795 ug/L	99
69) Naphthalene	13.55	128	285447	4.750 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	221315	5.001 ug/L	100

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

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