Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031620\
Data File : VV014952.D
Acq On : 16 Mar 2020 17:43
Operator : SY/MD
Sample : L1890-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DH4

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3/18/2020 3:12:24 PM

Quant Time: Mar 18 04:24:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 03:17:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	374081	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	381089	50.00	ug/L	0.02
60) 1,4-Dichlorobenzene-d4	11.27	152	217422	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	106372	42.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.36%			
7) Chloroethane-d5	1.58	69	80226	43.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.68%			
11) 1,1-Dichloroethene-d2	2.12	63	130172	34.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.08%			
21) 2-Butanone-d5	3.93	46	120874	79.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 79.55%			
24) Chloroform-d	4.38	84	223318	43.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.02%			
26) 1,2-Dichloroethane-d4	5.07	65	152671	46.41	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.82%			
32) Benzene-d6	5.09	84	468868	44.66	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.32%			
36) 1,2-Dichloropropane-d6	6.10	67	135564	43.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.72%			
41) Toluene-d8	7.34	98	458513	44.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.32%			
43) trans-1,3-Dichloropropene-	7.64	79	68285	41.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.16%			
47) 2-Hexanone-d5	8.12	63	122046	86.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.49%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193766	42.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.68%			
64) 1,2-Dichlorobenzene-d4	11.65	152	214103m	44.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.90%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.94	96	6827	2.429	ug/L	97
29) Cyclohexane	4.71	56	6671	1.695	ug/L #	90
33) Benzene	5.12	78	43042106m	4150.711	ug/L	
34) Trichloroethene	5.95	95	2156	0.775	ug/L	88
42) Toluene	7.41	91	12353	1.059	ug/L	96
46) Tetrachloroethene	8.00	164	1347	0.518	ug/L	82
51) Chlorobenzene	8.90	112	35913490m	4469.451	ug/L	
62) 1,3-Dichlorobenzene	11.20	146	717413	100.129	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	14513349	2010.884	ug/L	90
65) 1,2-Dichlorobenzene	11.67	146	7663995	1070.831	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	271666	54.258	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	21372	4.312	ug/L	97

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

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