Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120920\
Data File : VY003693.D
Acq On : 09 Dec 2020 11:34
Operator : SY/MD
Sample : L4980-09
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1F2

Quant Time: Dec 10 21:08:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 10 02:27:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	221478	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.50	117	214355	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	111115	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	71461	22.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.28%			
7) Chloroethane-d5	2.77	69	56505	23.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.64%			
10) 1,1-Dichloroethene-d2	3.86	63	138943	23.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.28%			
20) 2-Butanone-d5	6.90	46	51113	45.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.56%			
24) Chloroform-d	7.49	84	135640	23.80	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	8.15	65	77780	24.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.00%			
29) Benzene-d6	8.12	84	304252	24.52	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.08%			
33) 1,2-Dichloropropane-d6	9.12	67	89701	24.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.72%			
37) Toluene-d8	10.18	98	277807	24.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.88%			
38) trans-1,3-Dichloropropene-	10.44	79	43996	25.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.28%			
39) 2-Hexanone-d5	10.79	63	42735	46.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.90%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	83682	25.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.32%			
61) 1,2-Dichlorobenzene-d4	13.73	152	101773	25.21	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.84%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	69436	25.705	ug/L	98
6) Bromomethane	2.66	94	18956	10.264	ug/L	100
9) Trichlorofluoromethane	3.14	101	77036	17.616	ug/L	99
12) 1,1-Dichloroethene	3.89	96	66596	25.126	ug/L	92
13) Acetone	3.96	43	44975	54.948	ug/L	98
15) Methyl Acetate	4.49	43	84707	41.130	ug/L	97
16) Methylene chloride	4.73	84	42322	10.883	ug/L	98
17) Methyl tert-butyl Ether	5.23	73	264242	35.171	ug/L	99
18) trans-1,2-Dichloroethene	5.23	96	34806	11.663	ug/L	98
22) cis-1,2-Dichloroethene	7.00	96	91042	28.626	ug/L	95
23) Bromochloromethane	7.34	128	25952	16.346	ug/L	97
27) 1,2-Dichloroethane	8.25	62	37920	11.054	ug/L	99
30) Cyclohexane	7.80	56	52516	11.372	ug/L	98
31) 1,1,1-Trichloroethane	7.71	97	50405	11.031	ug/L	99
32) Carbon tetrachloride	7.90	117	57428	14.159	ug/L	99
35) Trichloroethene	8.94	95	133856	39.760	ug/L	99
36) Methylcyclohexane	9.19	83	148423	28.768	ug/L	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
40) 1,2-Dichloropropane	9.22	63	42979	13.975 ug/L	100
41) Bromodichloromethane	9.50	83	85742	21.943 ug/L	99
42) cis-1,3-Dichloropropene	9.93	75	89052	18.396 ug/L	99
44) Toluene	10.25	91	293810	22.714 ug/L	100
45) trans-1,3-Dichloropropene	10.47	75	38393	8.605 ug/L	94
47) Tetrachloroethene	10.72	164	116220	44.328 ug/L	96
49) 2-Hexanone	10.84	43	59219	29.169 ug/L	98
50) Dibromochloromethane	10.98	129	68268	22.000 ug/L	99
53) Ethylbenzene	11.59	91	234536	16.614 ug/L	97
54) m,p-Xylene	11.71	106	60237	11.061 ug/L	97
55) o-xylene	12.03	106	71403	13.667 ug/L	97
57) Isopropylbenzene	12.33	105	185639	13.590 ug/L	100
63) 1,3-Dichlorobenzene	13.37	146	144663	21.893 ug/L	97
65) 1,2-Dichlorobenzene	13.74	146	69591	11.479 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.35	75	12283	21.750 ug/L	92

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

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