Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120920\
Data File : VY003696.D
Acq On : 09 Dec 2020 13:32
Operator : SY/MD
Sample : L4979-08MSD
Misc : 4.73G/10ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Quant Time: Dec 10 03:12:01 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	158576	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	104507	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	22396	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	46687	20.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.28%			
7) Chloroethane-d5	2.77	69	39505	23.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.40%			
10) 1,1-Dichloroethene-d2	3.87	63	90865	21.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.12%			
20) 2-Butanone-d5	6.90	46	37285	46.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.28%			
24) Chloroform-d	7.49	84	88248	21.63	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.52%			
26) 1,2-Dichloroethane-d4	8.15	65	51228	22.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.24%			
29) Benzene-d6	8.12	84	184171	30.44	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 121.76%			
33) 1,2-Dichloropropane-d6	9.13	67	54371	30.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 121.48%#			
37) Toluene-d8	10.18	98	135809	25.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.16%			
38) trans-1,3-Dichloropropene-	10.44	79	21733	25.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.60%			
39) 2-Hexanone-d5	10.79	63	25421	56.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.34%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	29114	18.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 73.00%			
61) 1,2-Dichlorobenzene-d4	13.72	152	15703	19.30	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.20%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.89	96	51911	27.354	ug/L	88
13) Acetone	3.96	43	14312	24.422	ug/L	98
16) Methylene chloride	4.73	84	5438	1.953	ug/L	90
21) 2-Butanone	7.00	43	2426	2.344	ug/L	75
30) Cyclohexane	7.78	56	1013	0.450	ug/L #	90
34) Benzene	8.17	78	212328	35.516	ug/L	100
35) Trichloroethene	8.94	95	44017	26.818	ug/L	98
36) Methylcyclohexane	9.19	83	1479	0.588	ug/L #	82
44) Toluene	10.25	91	195812	31.050	ug/L	99
52) Chlorobenzene	11.52	112	93570	22.546	ug/L	97
53) Ethylbenzene	11.59	91	12602	1.831	ug/L	95
54) m,p-Xylene	11.70	106	1702	0.641	ug/L	86
55) o-xylene	12.03	106	690	0.271	ug/L	80

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

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