

Data File : VW014354.D
Acq On : 13 Dec 2019 17:15
Operator : SY/VA
Sample : K6270-05
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 14 05:48:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1322588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1190826	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	536684	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	353504	17.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.60%
7) Chloroethane-d5	2.89	69	282859	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
10) 1,1-Dichloroethene-d2	4.01	63	501040	14.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.64%
20) 2-Butanone-d5	7.07	46	259269	49.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.36%
24) Chloroform-d	7.64	84	694901	20.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.56%
26) 1,2-Dichloroethane-d4	8.30	65	399620	22.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.52%
29) Benzene-d6	8.27	84	1447525	20.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.96%
33) 1,2-Dichloropropane-d6	9.27	67	460633	21.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.80%
37) Toluene-d8	10.32	98	1256237	19.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.64%
38) trans-1,3-Dichloropropene-	10.57	79	184774	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	10.92	63	223056	52.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	406749	23.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	425249	20.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.96%

Target Compounds

					Qvalue
13) Acetone	4.11	43	25565m	5.081	ug/L
30) Cyclohexane	7.95	56	22924m	0.771	ug/L
34) Benzene	8.32	78	76295	1.012	ug/L 100
44) Toluene	10.38	91	201368	2.547	ug/L 100
53) Ethylbenzene	11.73	91	68839	0.803	ug/L 91
54) m,p-Xylene	11.83	106	39209	1.188	ug/L 96
55) o-xylene	12.16	106	16021	0.512	ug/L 93

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

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