

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV121319\
 Data File : VW014352.D
 Acq On : 13 Dec 2019 16:22
 Operator : SY/VA
 Sample : K6270-03
 Misc : 4.97G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK81

Quant Time: Dec 14 05:41:42 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	1313699	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1172605	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	520326	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	366319	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.64%
7) Chloroethane-d5	2.89	69	298959	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.84%
10) 1,1-Dichloroethene-d2	4.01	63	525665	14.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.84%
20) 2-Butanone-d5	7.07	46	256038	49.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.78%
24) Chloroform-d	7.64	84	712195	21.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.16%
26) 1,2-Dichloroethane-d4	8.31	65	409121	23.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.32%
29) Benzene-d6	8.27	84	1492495	21.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.88%
33) 1,2-Dichloropropane-d6	9.27	67	474847	22.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.84%
37) Toluene-d8	10.32	98	1315269	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.68%
38) trans-1,3-Dichloropropene-	10.57	79	190325	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.84%
39) 2-Hexanone-d5	10.92	63	215429	51.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	409438	23.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	444459	22.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	24364	4.875	ug/L	99
30) Cyclohexane	7.95	56	24230	0.828	ug/L #	72
34) Benzene	8.32	78	69567	0.937	ug/L	100
36) Methylcyclohexane	9.33	83	39609	1.241	ug/L #	82
44) Toluene	10.38	91	203199	2.610	ug/L	100
53) Ethylbenzene	11.73	91	67262	0.796	ug/L	100
54) m,p-Xylene	11.83	106	41183	1.268	ug/L	100
55) o-xylene	12.16	106	16723	0.543	ug/L	95

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

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