

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013797.D
 Acq On : 29 Oct 2019 16:54
 Operator : SY/VA
 Sample : K5535-07RE
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 03:33:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 06:58:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	345296	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267304	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80318	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85436	20.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.68%
7) Chloroethane-d5	2.89	69	68739	17.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.52%
10) 1,1-Dichloroethene-d2	4.02	63	118136	12.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.52%
20) 2-Butanone-d5	7.07	46	60703	40.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.12%
24) Chloroform-d	7.65	84	171015	17.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.80%
26) 1,2-Dichloroethane-d4	8.31	65	96762	19.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.60%
29) Benzene-d6	8.27	84	349566	21.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.08%
33) 1,2-Dichloropropane-d6	9.27	67	108002	22.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.08%
37) Toluene-d8	10.32	98	278456	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.20%
38) trans-1,3-Dichloropropene-	10.58	79	39681	18.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.36%
39) 2-Hexanone-d5	10.93	63	40149	43.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80579	20.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	53932	19.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	19292	2.918	ug/L	94
30) Cyclohexane	7.96	56	10391	1.327	ug/L #	91
36) Methylcyclohexane	9.34	83	18693	2.155	ug/L	90
54) m,p-Xylene	11.84	106	5024	0.571	ug/L	82

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

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