

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014388.D
 Acq On : 17 Dec 2019 13:18
 Operator : SY/VA
 Sample : K6270-14MSD
 Misc : 5.26G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK88MSD

Quant Time: Dec 18 01:59:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 01:35:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1265934	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1128701	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	512911	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	296907	15.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.96%
7) Chloroethane-d5	2.89	69	249438	17.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.00%
10) 1,1-Dichloroethene-d2	4.03	63	626903	18.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.04%
20) 2-Butanone-d5	7.07	46	184613	36.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.92%
24) Chloroform-d	7.65	84	631099	19.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.32%
26) 1,2-Dichloroethane-d4	8.30	65	337573	19.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.92%
29) Benzene-d6	8.27	84	1282182	19.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.52%
33) 1,2-Dichloropropane-d6	9.27	67	415966	20.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.76%
37) Toluene-d8	10.32	98	1133106	18.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.76%
38) trans-1,3-Dichloropropene-	10.57	79	156405	18.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.28%
39) 2-Hexanone-d5	10.92	63	154194	38.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	318051	19.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	383368	19.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	349492	20.674	ug/L	91
13) Acetone	4.12	43	19635	4.077	ug/L	69
34) Benzene	8.32	78	1763059	24.670	ug/L	100
35) Trichloroethene	9.09	95	414649	22.676	ug/L	95
36) Methylcyclohexane	9.33	83	31566	1.027	ug/L #	83
44) Toluene	10.38	91	2005610	26.768	ug/L	99
52) Chlorobenzene	11.65	112	1088157	22.471	ug/L	93
53) Ethylbenzene	11.73	91	84246	1.036	ug/L	100
54) m,p-Xylene	11.83	106	50566	1.617	ug/L	87
55) o-xylene	12.16	106	20474	0.690	ug/L	90

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

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