

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014390.D
 Acq On : 17 Dec 2019 14:10
 Operator : SY/VA
 Sample : K6270-10
 Misc : 5.43G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK86

Manual Integrations
 APPROVED

MMDadoda
 12/18/2019 3:30:49 PM

Quant Time: Dec 18 02:42:36 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	1218869	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1077423	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	479359	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	334345	18.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.44%
7) Chloroethane-d5	2.89	69	279037	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.32%
10) 1,1-Dichloroethene-d2	4.02	63	489483m	15.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.04%
20) 2-Butanone-d5	7.07	46	237409	49.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.72%
24) Chloroform-d	7.65	84	702484	22.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.56%
26) 1,2-Dichloroethane-d4	8.30	65	394005m	24.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.88%
29) Benzene-d6	8.27	84	1438834	22.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.16%
33) 1,2-Dichloropropane-d6	9.27	67	462645	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.24%
37) Toluene-d8	10.32	98	1263728	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.52%
38) trans-1,3-Dichloropropene-	10.57	79	183550	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.08%
39) 2-Hexanone-d5	10.92	63	203114	52.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	391886	24.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	438748	23.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
13) Acetone	4.12	43	21280	4.589 ug/L	87
30) Cyclohexane	7.95	56	24789	0.922 ug/L #	79
34) Benzene	8.32	78	111492m	1.634 ug/L	
36) Methylcyclohexane	9.33	83	40931	1.395 ug/L #	85
44) Toluene	10.38	91	272595	3.811 ug/L	98
53) Ethylbenzene	11.73	91	93782	1.208 ug/L	96
54) m,p-Xylene	11.83	106	50495	1.691 ug/L	98
55) o-xylene	12.16	106	22466	0.793 ug/L	98

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

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