

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014389.D
 Acq On : 17 Dec 2019 13:44
 Operator : SY/VA
 Sample : K6270-09
 Misc : 4.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK85

Manual Integrations
 APPROVED

MMDadoda
 12/18/2019 3:30:40 PM

Quant Time: Dec 18 02:03:38 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	1184564	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1070468	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	468000	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	352551	19.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.60%
7) Chloroethane-d5	2.89	69	295303	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
10) 1,1-Dichloroethene-d2	4.02	63	525903m	16.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.40%
20) 2-Butanone-d5	7.07	46	223940	47.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.82%
24) Chloroform-d	7.65	84	739548m	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	8.31	65	399928m	25.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.16%
29) Benzene-d6	8.27	84	1542684	24.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.36%
33) 1,2-Dichloropropane-d6	9.27	67	487854	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
37) Toluene-d8	10.32	98	1358599	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.80%
38) trans-1,3-Dichloropropene-	10.58	79	185408	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.60%
39) 2-Hexanone-d5	10.92	63	188726	49.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	373684	23.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	449305	25.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.48%

Target Compounds

					Ovalue
13) Acetone	4.12	43	27577	6.119 ug/L	96
30) Cyclohexane	7.96	56	22318	0.835 ug/L	86
34) Benzene	8.32	78	115128m	1.699 ug/L	
36) Methylcyclohexane	9.33	83	37539	1.288 ug/L	95
44) Toluene	10.38	91	288547	4.061 ug/L	98
53) Ethylbenzene	11.73	91	81246	1.054 ug/L	94
54) m,p-Xylene	11.83	106	50412	1.700 ug/L	91
55) o-xylene	12.16	106	19804	0.704 ug/L	89

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

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