

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120519\
 Data File : VW014237.D
 Acq On : 06 Dec 2019 01:51
 Operator : SY/VA
 Sample : K6149-21
 Misc : 5.21G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBBT3

Manual Integrations
 APPROVED

apatel
 12/6/2019 2:56:02 PM

Quant Time: Dec 06 08:20:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 06:50:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1276627	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1158070	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	493309	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	496910	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.80%
7) Chloroethane-d5	2.89	69	358018	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.64%
10) 1,1-Dichloroethene-d2	4.02	63	649668	19.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.12%
20) 2-Butanone-d5	7.07	46	184621	36.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.30%
24) Chloroform-d	7.64	84	786609	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	8.30	65	404377m	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.92%
29) Benzene-d6	8.27	84	1718448	25.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.28%
33) 1,2-Dichloropropane-d6	9.27	67	519385	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.48%
37) Toluene-d8	10.32	98	1530996	24.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.80%
38) trans-1,3-Dichloropropene-	10.57	79	189683	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.60%
39) 2-Hexanone-d5	10.92	63	147728	35.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	350419	20.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	494010	26.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.84%

Target Compounds					Ovalue
13) Acetone	4.12	43	27393	5.640 ug/L	97
16) Methylene chloride	4.92	84	32607	1.666 ug/L	91

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

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