

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013816.D
 Acq On : 30 Oct 2019 02:05
 Operator : SY/VA
 Sample : K5549-07RE
 Misc : 4.18G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ60RE

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 8:44:12 AM

Quant Time: Nov 08 08:02:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 08:16:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	119198	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	96401	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	31252	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	46013	31.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.84%
7) Chloroethane-d5	2.89	69	37220	27.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.04%
10) 1,1-Dichloroethene-d2	4.01	63	68123	21.09	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.36%
20) 2-Butanone-d5	7.08	46	37726	72.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.24%#
24) Chloroform-d	7.65	84	90315	27.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.32%
26) 1,2-Dichloroethane-d4	8.30	65	51919	29.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.08%
29) Benzene-d6	8.27	84	182062	31.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.72%
33) 1,2-Dichloropropane-d6	9.27	67	56007	32.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.52%#
37) Toluene-d8	10.32	98	148584	27.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.28%
38) trans-1,3-Dichloropropene-	10.58	79	21084	27.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.08%
39) 2-Hexanone-d5	10.93	63	32119	97.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	194.26%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54276	38.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	153.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	31650	28.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.64%

Target Compounds					Ovalue
13) Acetone	4.12	43	15549	26.784 ug/L	94
14) Carbon disulfide	4.37	76	8473m	1.563 ug/L	

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

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