

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009753.D
 Acq On : 06 Apr 2019 03:25
 Operator : SY/VA
 Sample : K2188-05RE
 Misc : 5.29G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF661RE

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:51 AM

Quant Time: Apr 06 06:56:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	345902	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308279	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	110312	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123100	27.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.80%
7) Chloroethane-d5	2.89	69	118055	28.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.88%
10) 1,1-Dichloroethene-d2	4.01	63	208793	21.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.80%
20) 2-Butanone-d5	7.08	46	87131	59.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.58%
24) Chloroform-d	7.64	84	282291	29.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.64%
26) 1,2-Dichloroethane-d4	8.30	65	184079	31.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.08%
29) Benzene-d6	8.27	84	533394	32.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.84%
33) 1,2-Dichloropropane-d6	9.27	67	164916	32.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.96%#
37) Toluene-d8	10.32	98	451700	30.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.76%
38) trans-1,3-Dichloropropene-	10.58	79	60239	25.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.08%
39) 2-Hexanone-d5	10.92	63	58307	61.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125333	26.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	117619	30.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.56%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	21516	13.664	ug/L	94
14) Carbon disulfide	4.38	76	15343	1.074	ug/L	100
16) Methylene chloride	4.92	84	22878m	3.750	ug/L	
47) Tetrachloroethene	10.87	164	2034	0.532	ug/L	82
53) Ethylbenzene	11.73	91	11561	0.517	ug/L	99

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

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