

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009837.D
 Acq On : 09 Apr 2019 13:18
 Operator : SY/VA
 Sample : K2255-03
 Misc : 4.40G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC36

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:04:34 PM

Quant Time: Apr 10 04:12:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 00:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	516717	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	509672	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	227436	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	126125	18.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.60%
7) Chloroethane-d5	2.89	69	122559	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.12%
10) 1,1-Dichloroethene-d2	4.01	63	240824	16.56	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.24%
20) 2-Butanone-d5	7.08	46	92051	41.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.86%
24) Chloroform-d	7.65	84	33697	2.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	9.56%#
26) 1,2-Dichloroethane-d4	8.31	65	227262	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.00%
29) Benzene-d6	8.27	84	637337	23.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.28%
33) 1,2-Dichloropropane-d6	9.27	67	204374	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.92%
37) Toluene-d8	10.32	98	567101	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.68%
38) trans-1,3-Dichloropropene-	10.58	79	89337	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.68%
39) 2-Hexanone-d5	10.93	63	52011	33.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	206	0.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.12%#
61) 1,2-Dichlorobenzene-d4	13.86	152	210231	26.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.36%

Target Compounds					Ovalue
13) Acetone	4.12	43	10882	4.626 ug/L	93
16) Methylene chloride	4.92	84	28251m	3.100 ug/L	
25) Chloroform	7.67	83	314439	21.916 ug/L	98
35) Trichloroethene	9.09	95	42395	5.283 ug/L	95

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

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