

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009478.D
 Acq On : 26 Mar 2019 22:16
 Operator : SY/VA
 Sample : K2068-04
 Misc : 5.69G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M3

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 12:37:16 PM

Quant Time: Mar 27 08:41:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	314291	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296678	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112595	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60949	16.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.92%
7) Chloroethane-d5	2.89	69	71753	16.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.32%
10) 1,1-Dichloroethene-d2	4.01	63	105196m	12.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.84%
20) 2-Butanone-d5	7.08	46	74571	48.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.02%
24) Chloroform-d	7.65	84	186776	21.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	8.31	65	115396m	22.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.32%
29) Benzene-d6	8.27	84	312825	19.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.48%
33) 1,2-Dichloropropane-d6	9.27	67	106227	21.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.48%
37) Toluene-d8	10.32	98	258458	17.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.32%
38) trans-1,3-Dichloropropene-	10.58	79	44928	18.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.80%
39) 2-Hexanone-d5	10.93	63	51867	43.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109863	22.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	89007	20.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.48%

Target Compounds					Ovalue
13) Acetone	4.11	43	8012	6.290 ug/L	67
16) Methylene chloride	4.91	84	16695m	3.643 ug/L	

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

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