

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009452.D
 Acq On : 26 Mar 2019 02:40
 Operator : SY/VA
 Sample : K2065-06
 Misc : 6.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5K0

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:15:28 PM

Quant Time: Mar 26 09:29:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	370427	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331216	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120935	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85810	19.39	ug/L	0.00	MMDadoda
Spiked Amount 25.000	Range 30 - 150	Recovery =	77.56%				
7) Chloroethane-d5	2.89	69	94923	18.33	ug/L	0.00	3/27/2019 12:15:28 PM
Spiked Amount 25.000	Range 30 - 150	Recovery =	73.32%				
10) 1,1-Dichloroethene-d2	4.01	63	141874	14.83	ug/L	0.00	
Spiked Amount 25.000	Range 45 - 110	Recovery =	59.32%				
20) 2-Butanone-d5	7.08	46	31740	17.34	ug/L	0.00	
Spiked Amount 50.000	Range 20 - 135	Recovery =	34.68%				
24) Chloroform-d	7.65	84	239081	23.65	ug/L	0.00	
Spiked Amount 25.000	Range 40 - 150	Recovery =	94.60%				
26) 1,2-Dichloroethane-d4	8.30	65	144045	23.65	ug/L	0.00	
Spiked Amount 25.000	Range 70 - 130	Recovery =	94.60%				
29) Benzene-d6	8.27	84	416445	22.80	ug/L	0.00	
Spiked Amount 25.000	Range 20 - 135	Recovery =	91.20%				
33) 1,2-Dichloropropane-d6	9.27	67	136488	24.88	ug/L	0.00	
Spiked Amount 25.000	Range 70 - 120	Recovery =	99.52%				
37) Toluene-d8	10.32	98	351911	20.84	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 130	Recovery =	83.36%				
38) trans-1,3-Dichloropropene-	10.58	79	46856	17.01	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 135	Recovery =	68.04%				
39) 2-Hexanone-d5	10.93	63	30270	22.78	ug/L	0.00	
Spiked Amount 50.000	Range 20 - 135	Recovery =	45.56%				
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121598	22.51	ug/L	0.00	
Spiked Amount 25.000	Range 45 - 120	Recovery =	90.04%				
61) 1,2-Dichlorobenzene-d4	13.86	152	108699	23.44	ug/L	0.00	
Spiked Amount 25.000	Range 75 - 120	Recovery =	93.76%				

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	11826m	2.189	ug/L	

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

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