

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009384.D
 Acq On : 23 Mar 2019 12:22
 Operator : SY/VA
 Sample : K2048-17
 Misc : 5.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0F9

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:33:24 AM

Quant Time: Mar 23 22:58:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 22:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	407793	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358572	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	128024	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109963	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.28%
7) Chloroethane-d5	2.89	69	108187	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.88%
10) 1,1-Dichloroethene-d2	4.01	63	169916	16.13	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.52%
20) 2-Butanone-d5	7.07	46	63131	31.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.66%
24) Chloroform-d	7.65	84	248374	22.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	8.30	65	132263	19.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.92%
29) Benzene-d6	8.27	84	444061	22.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.84%
33) 1,2-Dichloropropane-d6	9.27	67	136757	23.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.12%
37) Toluene-d8	10.32	98	384977	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.20%
38) trans-1,3-Dichloropropene-	10.57	79	52972	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.04%
39) 2-Hexanone-d5	10.93	63	41668	28.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100145	17.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	105707	21.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.12%

Target Compounds					Ovalue
13) Acetone	4.12	43	82620	49.991 ug/L	99
16) Methylene chloride	4.91	84	12910m	2.171 ug/L	
21) 2-Butanone	7.17	43	25582	11.211 ug/L	99

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

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