

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010121.D
 Acq On : 24 Apr 2019 21:03
 Operator : SY/VA
 Sample : K2481-20
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX3

Quant Time: Apr 25 02:50:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:36:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	655303	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	446880	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	85057	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	100651	16.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.28%
7) Chloroethane-d5	2.89	69	92527	17.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.52%
10) 1,1-Dichloroethene-d2	4.00	63	225494	12.27	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.08%
20) 2-Butanone-d5	7.07	46	125359	42.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.76%
24) Chloroform-d	7.64	84	325901	18.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.72%
26) 1,2-Dichloroethane-d4	8.31	65	212643	20.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.36%
29) Benzene-d6	8.27	84	669201	26.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.76%
33) 1,2-Dichloropropane-d6	9.27	67	217591	27.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.32%
37) Toluene-d8	10.32	98	504073	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.72%
38) trans-1,3-Dichloropropene-	10.57	79	75562	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.12%
39) 2-Hexanone-d5	10.93	63	92202	55.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103165	15.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	71775	22.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	57152	25.601	ug/L	99
16) Methylene chloride	4.90	84	38189	4.158	ug/L	96
21) 2-Butanone	7.18	43	16808	4.856	ug/L	92
34) Benzene	8.32	78	801190	29.475	ug/L	100
44) Toluene	10.38	91	3853342	133.916	ug/L	98
53) Ethylbenzene	11.73	91	959427	29.708	ug/L	98
54) m,p-Xylene	11.84	106	1242901	104.044	ug/L	98
55) o-xylene	12.16	106	1593308	140.653	ug/L	96
56) Styrene	12.18	104	1741370	90.387	ug/L	100

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

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