

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010126.D
 Acq On : 25 Apr 2019 02:25
 Operator : SY/VA
 Sample : K2481-22
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX5

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 12:51:53 PM

Quant Time: May 02 05:05:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 03:54:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	728229	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	532407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	120550m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	110831	15.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.68%
7) Chloroethane-d5	2.89	69	103751	18.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.16%
10) 1,1-Dichloroethene-d2	4.01	63	256162	12.54	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.16%
20) 2-Butanone-d5	7.07	46	109538	33.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.64%
24) Chloroform-d	7.64	84	364294	18.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.16%
26) 1,2-Dichloroethane-d4	8.31	65	211424	18.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.60%
29) Benzene-d6	8.27	84	715548	23.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.92%
33) 1,2-Dichloropropane-d6	9.27	67	229765	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.76%
37) Toluene-d8	10.32	98	597149	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.20%
38) trans-1,3-Dichloropropene-	10.58	79	69525	16.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.20%
39) 2-Hexanone-d5	10.93	63	84626	42.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108360	13.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	55.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	89812	20.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.48%

Target Compounds

					Ovalue
13) Acetone	4.12	43	43894	17.693	ug/L 98
14) Carbon disulfide	4.37	76	21499	0.786	ug/L 98
21) 2-Butanone	7.17	43	17796	4.626	ug/L 95
34) Benzene	8.32	78	1506224	46.511	ug/L 100
36) Methylcyclohexane	9.33	83	20584	1.438	ug/L 91
44) Toluene	10.38	91	24987663m	728.900	ug/L
53) Ethylbenzene	11.73	91	17813936m	462.985	ug/L
54) m,p-Xylene	11.83	106	27059596m	1901.295	ug/L
55) o-xylene	12.16	106	19804905m	1467.468	ug/L
56) Styrene	12.18	104	21341644m	929.797	ug/L
57) Isopropylbenzene	12.47	105	1331151	36.251	ug/L 99

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

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