

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073019\
 Data File : VW011578.D
 Acq On : 30 Jul 2019 16:19
 Operator : SY/VA
 Sample : K4070-12MS
 Misc : 5.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB9E3MS

Manual Integrations
 APPROVED

MMDadoda
 8/1/2019 5:46:21 PM

Quant Time: Jul 31 08:46:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 31 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	385436	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336292	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148438	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	139048	25.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.48%
7) Chloroethane-d5	2.89	69	102596	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.96%
10) 1,1-Dichloroethene-d2	4.02	63	310375	24.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.80%
20) 2-Butanone-d5	7.07	46	100217	41.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.02%
24) Chloroform-d	7.65	84	271028	25.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	8.31	65	162128	25.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.52%
29) Benzene-d6	8.27	84	574317	27.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.64%
33) 1,2-Dichloropropane-d6	9.27	67	184665	27.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.20%
37) Toluene-d8	10.32	98	497645	26.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.04%
38) trans-1,3-Dichloropropene-	10.58	79	72880	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.44%
39) 2-Hexanone-d5	10.93	63	67402	42.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130259	22.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	153489	26.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	118604m	21.425	ug/L	
13) Acetone	4.12	43	6891	2.633	ug/L	99
34) Benzene	8.32	78	537473	22.807	ug/L	100
35) Trichloroethene	9.09	95	143699	24.019	ug/L	100
44) Toluene	10.39	91	554838	23.174	ug/L	100
52) Chlorobenzene	11.66	112	325711	22.548	ug/L	99

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

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