

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071019\
 Data File : VW011188.D
 Acq On : 10 Jul 2019 11:43
 Operator : SY/VA
 Sample : K3724-03MS
 Misc : 5.76G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 DB8T1MS

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 2:54:43 PM

Quant Time: Jul 11 06:50:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 11 05:38:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	280228	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	248725	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112632	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	72813	17.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.08%
7) Chloroethane-d5	2.89	69	56241	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.92%
10) 1,1-Dichloroethene-d2	4.02	63	187950	20.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.96%
20) 2-Butanone-d5	7.07	46	73011	43.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.64%
24) Chloroform-d	7.65	84	164919	21.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.88%
26) 1,2-Dichloroethane-d4	8.31	65	105273	22.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.04%
29) Benzene-d6	8.27	84	340846	22.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.96%
33) 1,2-Dichloropropane-d6	9.27	67	114729	22.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.96%
37) Toluene-d8	10.32	98	298688	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.48%
38) trans-1,3-Dichloropropene-	10.58	79	44067	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.08%
39) 2-Hexanone-d5	10.93	63	47267	41.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91808	22.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	100470	23.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	91111	24.741	ug/L	# 76
13) Acetone	4.13	43	2553m	1.551	ug/L	
34) Benzene	8.32	78	419544	26.989	ug/L	100
35) Trichloroethene	9.09	95	107664	27.446	ug/L	99
44) Toluene	10.38	91	434664	27.015	ug/L	100
47) Tetrachloroethene	10.86	164	133479	45.023	ug/L	97
52) Chlorobenzene	11.66	112	261970	26.650	ug/L	98

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

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