

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072319\
 Data File : VW011437.D
 Acq On : 23 Jul 2019 11:26
 Operator : SY/VA
 Sample : K3922-03MSD
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F0MSD

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:04:39 PM

Quant Time: Jul 24 01:34:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 01:19:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	407546	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306432	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	89364	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128189	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.24%
7) Chloroethane-d5	2.89	69	94717	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.60%
10) 1,1-Dichloroethene-d2	4.02	63	278310	22.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.32%
20) 2-Butanone-d5	7.08	46	96317	41.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.14%
24) Chloroform-d	7.65	84	227285	21.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	8.31	65	138351	22.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.16%
29) Benzene-d6	8.27	84	477272	26.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.16%
33) 1,2-Dichloropropane-d6	9.27	67	155857	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.00%
37) Toluene-d8	10.32	98	387030	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.24%
38) trans-1,3-Dichloropropene-	10.58	79	60629	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.56%
39) 2-Hexanone-d5	10.92	63	68094	52.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98463	20.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	70348	20.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	113932m	21.047	ug/L	
13) Acetone	4.12	43	48423	19.755	ug/L	97
15) Methyl Acetate	4.68	43	6869	1.825	ug/L #	89
21) 2-Butanone	7.18	43	6640	2.108	ug/L	95
34) Benzene	8.32	78	517220	26.002	ug/L	100
35) Trichloroethene	9.09	95	119332	23.603	ug/L	99
44) Toluene	10.39	91	521621	25.566	ug/L	99
52) Chlorobenzene	11.66	112	263562	21.420	ug/L	99

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

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