

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009467.D
 Acq On : 26 Mar 2019 15:24
 Operator : SY/VA
 Sample : K2044-03RE
 Misc : 5.94G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
ClientSampled :
 BF5T3RE

Manual Integrations
APPROVED
 apatel
 4/10/2019 8:31:23 AM

Quant Time: Mar 30 12:41:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:27:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	385812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328816	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100570	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88235	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.56%
7) Chloroethane-d5	2.89	69	99045	18.36	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.44%
10) 1,1-Dichloroethene-d2	4.01	63	144508	14.50	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.00%
20) 2-Butanone-d5	7.07	46	78601	41.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.44%
24) Chloroform-d	7.64	84	228030	21.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	8.30	65	144151	22.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.92%
29) Benzene-d6	8.27	84	409658	22.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.36%
33) 1,2-Dichloropropane-d6	9.27	67	133491	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	10.32	98	334820	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.88%
38) trans-1,3-Dichloropropene-	10.58	79	52313	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.48%
39) 2-Hexanone-d5	10.92	63	56370	42.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93607	17.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	81129	21.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	9758	6.241	ug/L	53
16) Methylene chloride	4.90	84	35249m	6.265	ug/L	
47) Tetrachloroethene	10.86	164	1819	0.449	ug/L	89

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

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