

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009441.D
 Acq On : 25 Mar 2019 21:40
 Operator : SY/VA
 Sample : K2044-07
 Misc : 5.95G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T7

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:14:50 PM

Quant Time: Mar 26 09:49:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	326823	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267461	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	82884	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	76805	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
7) Chloroethane-d5	2.89	69	93085	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.48%
10) 1,1-Dichloroethene-d2	4.01	63	125131	14.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.28%
20) 2-Butanone-d5	7.08	46	88563	54.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.66%
24) Chloroform-d	7.64	84	219689	24.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.52%
26) 1,2-Dichloroethane-d4	8.31	65	139225	25.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.64%
29) Benzene-d6	8.27	84	369760	25.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.28%
33) 1,2-Dichloropropane-d6	9.27	67	131505	29.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.72%
37) Toluene-d8	10.32	98	292000	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloropropene-	10.57	79	44541	20.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.08%
39) 2-Hexanone-d5	10.93	63	61017	56.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128384	29.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	82057	25.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	7286	5.501	ug/L	79
14) Carbon disulfide	4.37	76	61522	5.680	ug/L	98
16) Methylene chloride	4.90	84	32203m	6.757	ug/L	
34) Benzene	8.32	78	8134	0.556	ug/L	100
47) Tetrachloroethene	10.87	164	1515	0.460	ug/L	91

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

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