

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009411.D
 Acq On : 24 Mar 2019 01:16
 Operator : SY/VA
 Sample : K2031-01RE
 Misc : 3.96G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5S1RE

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:33:43 AM

Quant Time: Mar 24 04:54:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 23:52:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	245731	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	142619	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	33438	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	86216	29.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.44%
7) Chloroethane-d5	2.89	69	93310	27.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.64%
10) 1,1-Dichloroethene-d2	4.01	63	115140	18.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.56%
20) 2-Butanone-d5	7.07	46	98242	80.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.80%#
24) Chloroform-d	7.64	84	187014	27.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.56%
26) 1,2-Dichloroethane-d4	8.31	65	129520m	32.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.24%
29) Benzene-d6	8.27	84	305267	38.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	155.24%#
33) 1,2-Dichloropropane-d6	9.27	67	101784	43.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	172.36%#
37) Toluene-d8	10.32	98	188281	25.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.56%
38) trans-1,3-Dichloropropene-	10.58	79	39033	32.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	131.60%
39) 2-Hexanone-d5	10.93	63	64405	112.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	225.14%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	63246	27.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	28026	21.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	13179	13.233	ug/L	98
16) Methylene chloride	4.92	84	20636	5.759	ug/L	89
44) Toluene	10.39	91	19495	2.284	ug/L	98
53) Ethylbenzene	11.73	91	25484	2.656	ug/L	94
54) m,p-Xylene	11.83	106	50825	13.942	ug/L	100
55) o-xylene	12.16	106	31046	8.729	ug/L	90
57) Isopropylbenzene	12.46	105	12018	1.261	ug/L	97

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

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