

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009414.D
 Acq On : 24 Mar 2019 02:38
 Operator : SY/VA
 Sample : K2031-06RE
 Misc : 2.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W1RE

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 3:34:22 PM

Quant Time: Mar 24 14:57:23 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	317800	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223137	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	60100	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	84033	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
7) Chloroethane-d5	2.89	69	92310	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
10) 1,1-Dichloroethene-d2	4.01	63	129642	15.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.16%
20) 2-Butanone-d5	7.07	46	64427	41.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.04%
24) Chloroform-d	7.64	84	201542	23.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	8.30	65	116042	22.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.84%
29) Benzene-d6	8.27	84	355792	28.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.64%
33) 1,2-Dichloropropane-d6	9.27	67	110080	29.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.12%
37) Toluene-d8	10.32	98	264980	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.16%
38) trans-1,3-Dichloropropene-	10.58	79	20294	10.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	43.72%
39) 2-Hexanone-d5	10.93	63	36858	41.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	61724	16.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	45417	19.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.84%

Target Compounds

					Ovalue
13) Acetone	4.12	43	13677	10.619 ug/L	98
14) Carbon disulfide	4.38	76	109284	10.376 ug/L	96
16) Methylene chloride	4.92	84	25474m	5.497 ug/L	
17) Methyl tert-butyl Ether	5.43	73	12363m	2.233 ug/L	
34) Benzene	8.32	78	80096	6.558 ug/L	100
44) Toluene	10.38	91	15902	1.191 ug/L	97
53) Ethylbenzene	11.73	91	7660	0.510 ug/L	85
57) Isopropylbenzene	12.46	105	9894	0.664 ug/L	98

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

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