

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
 Data File : VV010100.D
 Acq On : 03 Apr 2019 19:22
 Operator : SY/MD
 Sample : K2148-09RE
 Misc : 2.87G/10mL/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G8RE

Quant Time: Apr 04 09:49:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	247126	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180009	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39777	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70873	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.68%
7) Chloroethane-d5	1.57	69	69429	16.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.60%
10) 1,1-Dichloroethene-d2	2.13	63	146114	17.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.04%
20) 2-Butanone-d5	3.94	46	21988	23.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.72%
24) Chloroform-d	4.40	84	127654	20.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.08	65	78826	22.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.52%
29) Benzene-d6	5.10	84	290874	31.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.64%
33) 1,2-Dichloropropane-d6	6.12	67	84815	30.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.16%#
37) Toluene-d8	7.36	98	241724	26.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.52%
38) trans-1,3-Dichloropropene-	7.67	79	19429	16.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.00%
39) 2-Hexanone-d5	8.13	63	13822	25.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44010	16.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	33642	21.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.84%

Target Compounds					Ovalue
13) Acetone	2.19	43	3029	3.254 ug/L	84
16) Methylene chloride	2.53	84	23575	5.430 ug/L	96
47) Tetrachloroethene	8.02	164	1498	0.706 ug/L	89

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

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