

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010074.D
 Acq On : 02 Apr 2019 22:50
 Operator : SY/MD
 Sample : K2148-10
 Misc : 3.95G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5F7

Quant Time: Apr 03 07:40:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 03 06:44:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	98703	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	54386	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	9408	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38480	29.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.48%
7) Chloroethane-d5	1.58	69	67803	41.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	165.24%#
10) 1,1-Dichloroethene-d2	2.13	63	74891	22.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.88%
20) 2-Butanone-d5	3.95	46	29382	78.14	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.28%#
24) Chloroform-d	4.40	84	100754	40.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	162.08%#
26) 1,2-Dichloroethane-d4	5.08	65	49503	35.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	142.32%#
29) Benzene-d6	5.10	84	173638	61.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	246.28%#
33) 1,2-Dichloropropane-d6	6.12	67	62942	75.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	302.48%#
37) Toluene-d8	7.36	98	107919	39.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	158.84%#
38) trans-1,3-Dichloropropene-	7.67	79	7062	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.40%
39) 2-Hexanone-d5	8.14	63	13229	79.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.50%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44587	54.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	217.24%#
61) 1,2-Dichlorobenzene-d4	11.68	152	13003	35.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	141.92%#

Target Compounds

					Ovalue
13) Acetone	2.21	43	23537	63.313 ug/L	93
14) Carbon disulfide	2.32	76	10273	3.668 ug/L	98
16) Methylene chloride	2.53	84	7086	4.086 ug/L	91
36) Methylcyclohexane	6.18	83	6815	5.943 ug/L #	65
44) Toluene	7.43	91	5375	1.801 ug/L	93

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

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