

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010069.D
 Acq On : 02 Apr 2019 20:39
 Operator : SY/MD
 Sample : K2148-05
 Misc : 6.06G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5F6

Manual Integrations
 APPROVED

sam
 4/5/2019 3:44:12 PM

Quant Time: Apr 03 07:15:43 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	166470	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171261	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74380	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31797	14.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.08%
7) Chloroethane-d5	1.58	69	40283	14.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.20%
10) 1,1-Dichloroethene-d2	2.13	63	71111	12.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.60%
20) 2-Butanone-d5	3.95	46	17810m	28.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.16%
24) Chloroform-d	4.40	84	110438	26.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.32%
26) 1,2-Dichloroethane-d4	5.08	65	69220	29.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.00%
29) Benzene-d6	5.10	84	217400	24.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.92%
33) 1,2-Dichloropropane-d6	6.12	67	71111	27.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.52%
37) Toluene-d8	7.36	98	194941	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.12%
38) trans-1,3-Dichloropropene-	7.67	79	22255	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.44%
39) 2-Hexanone-d5	8.14	63	11906	22.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62195	24.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	78716	27.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.68%

Target Compounds					Ovalue
13) Acetone	2.20	43	2203	3.514 ug/L	85
16) Methylene chloride	2.54	84	12269	4.195 ug/L	93

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

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