

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
 Data File : VV010102.D
 Acq On : 03 Apr 2019 20:14
 Operator : SY/MD
 Sample : K2148-13RE
 Misc : 5.49G/10mL/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G0RE

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:40:44 AM

Quant Time: Apr 04 08:18:13 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	5.67	114	81988	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	76633	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	26769	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20181	18.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.56%
7) Chloroethane-d5	1.58	69	21462	15.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.96%
10) 1,1-Dichloroethene-d2	2.13	63	45313	16.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.48%
20) 2-Butanone-d5	3.94	46	17650m	56.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.02%
24) Chloroform-d	4.40	84	47006	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	5.08	65	31306	27.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.36%
29) Benzene-d6	5.10	84	97842	24.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.48%
33) 1,2-Dichloropropane-d6	6.12	67	31556	26.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.64%
37) Toluene-d8	7.36	98	87596	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.52%
38) trans-1,3-Dichloropropene-	7.67	79	10240	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.68%
39) 2-Hexanone-d5	8.13	63	10978m	46.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31010	26.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.24%
61) 1,2-Dichlorobenzene-d4	11.68	152	26421	25.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.36%

Target Compounds					Ovalue
13) Acetone	2.19	43	3707	12.005 ug/L	98
16) Methylene chloride	2.54	84	8924	6.195 ug/L	99
47) Tetrachloroethene	8.02	164	1097	1.215 ug/L	81

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

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