

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
 Data File : VV010103.D
 Acq On : 03 Apr 2019 20:41
 Operator : SY/MD
 Sample : K2148-14RE
 Misc : 5.31G/10mL/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G1RE

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:40:46 AM

Quant Time: Apr 04 08:23:02 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	54632	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	51469	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	16398m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	13074	17.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.52%
7) Chloroethane-d5	1.58	69	14524	15.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.96%
10) 1,1-Dichloroethene-d2	2.13	63	27837	15.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.36%
20) 2-Butanone-d5	3.94	46	15218m	73.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.24%#
24) Chloroform-d	4.40	84	34058	24.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.96%
26) 1,2-Dichloroethane-d4	5.08	65	23721	30.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.24%
29) Benzene-d6	5.10	84	67042	25.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.48%
33) 1,2-Dichloropropane-d6	6.12	67	22911	29.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.36%
37) Toluene-d8	7.36	98	56900	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.52%
38) trans-1,3-Dichloropropene-	7.66	79	6839m	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.24%
39) 2-Hexanone-d5	8.14	63	7715	48.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	24710	31.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.24%#
61) 1,2-Dichlorobenzene-d4	11.68	152	16144	25.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.08%

Target Compounds					Ovalue
13) Acetone	2.19	43	6874	33.407 ug/L	91
16) Methylene chloride	2.54	84	7990	8.324 ug/L	95
47) Tetrachloroethene	8.02	164	833	1.374 ug/L #	74

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

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