

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050619\
 Data File : VV010677.D
 Acq On : 06 May 2019 14:47
 Operator : SY/MD
 Sample : K2603-02MS
 Misc : 5.09G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ55MS

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:07:27 AM

Quant Time: May 07 04:25:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 04:01:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	50778	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	47731	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	18386	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8899	13.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.36%
7) Chloroethane-d5	1.58	69	7336	16.30	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.20%
10) 1,1-Dichloroethene-d2	2.13	63	18829	16.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.80%
20) 2-Butanone-d5	3.95	46	5959m	30.47	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.94%
24) Chloroform-d	4.40	84	27624	21.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.24%
26) 1,2-Dichloroethane-d4	5.09	65	15189	20.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.84%
29) Benzene-d6	5.10	84	56247	22.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.96%
33) 1,2-Dichloropropane-d6	6.12	67	17784	23.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.88%
37) Toluene-d8	7.36	98	52084	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.64%
38) trans-1,3-Dichloropropene-	7.67	79	5819	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.32%
39) 2-Hexanone-d5	8.14	63	5090	37.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	14919	21.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	17859	25.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.96%

Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	9267	18.996 ug/L	97
34) Benzene	5.15	78	53680	23.526 ug/L	100
35) Trichloroethene	5.96	95	14977	23.012 ug/L	98
44) Toluene	7.43	91	63253	25.118 ug/L	100
52) Chlorobenzene	8.93	112	42433	24.144 ug/L	98

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

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