

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
 Data File : VV010091.D
 Acq On : 03 Apr 2019 14:34
 Operator : SY/MD
 Sample : K2215-05
 Misc : 5.35G/10mL/MSVOA V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2M6

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:40:32 AM

Quant Time: Apr 04 07:54:05 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	215602	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	205772	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92749	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52183	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.32%
7) Chloroethane-d5	1.57	69	52480	14.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.56%
10) 1,1-Dichloroethene-d2	2.13	63	110951	15.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.96%
20) 2-Butanone-d5	3.95	46	32283	39.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.62%
24) Chloroform-d	4.40	84	119286	21.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	5.08	65	72418	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.32%
29) Benzene-d6	5.10	84	241910	22.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.68%
33) 1,2-Dichloropropane-d6	6.12	67	71683	22.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.04%
37) Toluene-d8	7.36	98	220456	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.76%
38) trans-1,3-Dichloropropene-	7.67	79	24460	18.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.68%
39) 2-Hexanone-d5	8.14	63	24536	38.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	67329	21.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.72%
61) 1,2-Dichlorobenzene-d4	11.68	152	85152	23.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.28%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	5258	1.388 ug/L	98
35) Trichloroethene	5.96	95	3924m	1.355 ug/L	
47) Tetrachloroethene	8.02	164	745337	307.436 ug/L	97

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

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