

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010169.D
 Acq On : 08 Apr 2019 12:17
 Operator : SY/MD
 Sample : K2255-01
 Misc : 5.41G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC34

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:28:24 AM

Quant Time: Apr 09 05:53:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 05:31:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	240240	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165533	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39164	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46277	14.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.56%
7) Chloroethane-d5	1.58	69	71821	17.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.92%
10) 1,1-Dichloroethene-d2	2.13	63	99662	12.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.12%
20) 2-Butanone-d5	3.96	46	15751m	17.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	34.42%
24) Chloroform-d	4.40	84	138024	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.08	65	76036	22.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.80%
29) Benzene-d6	5.10	84	260305	30.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.28%
33) 1,2-Dichloropropane-d6	6.12	67	81415	32.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.56%#
37) Toluene-d8	7.36	98	198148	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.84%
38) trans-1,3-Dichloropropene-	7.67	79	4192	3.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	15.48%#
39) 2-Hexanone-d5	8.14	63	9271	18.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49258	19.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	31180	20.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.76%

Target Compounds

					Ovalue
13) Acetone	2.21	43	56190	62.100	ug/L 100
14) Carbon disulfide	2.31	76	11404	1.673	ug/L 99
16) Methylene chloride	2.53	84	12110	2.869	ug/L 93
21) 2-Butanone	4.03	43	24776m	25.002	ug/L
44) Toluene	7.43	91	7344	0.808	ug/L 94
54) m,p-Xylene	9.18	106	5030	1.297	ug/L 76
55) o-xylene	9.59	106	3052	0.812	ug/L 77

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

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