

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040819\
 Data File : VV010197.D
 Acq On : 09 Apr 2019 01:56
 Operator : SY/MD
 Sample : K2254-11
 Misc : 5.11G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC31

Quant Time: Apr 19 23:14:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	250926	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190778	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58910	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	53384	15.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.56%
7) Chloroethane-d5	1.56	69	71619	17.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.64%
10) 1,1-Dichloroethene-d2	2.12	63	109995	12.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.92%
20) 2-Butanone-d5	3.94	46	53313	55.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.54%
24) Chloroform-d	4.40	84	128960	20.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	5.08	65	83271	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.16%
29) Benzene-d6	5.10	84	254583	25.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.92%
33) 1,2-Dichloropropane-d6	6.12	67	81134	27.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.16%
37) Toluene-d8	7.36	98	209072	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.72%
38) trans-1,3-Dichloropropene-	7.66	79	23147	18.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.20%
39) 2-Hexanone-d5	8.13	63	35224	60.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68034	23.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	47129	20.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.16%

Target Compounds

					Ovalue
13) Acetone	2.19	43	70097	74.170	ug/L 97
14) Carbon disulfide	2.31	76	11282	1.585	ug/L 99
16) Methylene chloride	2.53	84	17661	4.006	ug/L 91
21) 2-Butanone	4.03	43	16504	15.946	ug/L 83

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

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