

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010248.D
 Acq On : 11 Apr 2019 17:05
 Operator : SY/MD
 Sample : K2255-18
 Misc : 5.18G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC19

Quant Time: Apr 14 21:17:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	298570	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	231821	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53429	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60003	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.84%
7) Chloroethane-d5	1.57	69	62790	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
10) 1,1-Dichloroethene-d2	2.13	63	124255	14.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.80%
20) 2-Butanone-d5	3.93	46	44515	51.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.36%
24) Chloroform-d	4.40	84	138875	20.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.48%
26) 1,2-Dichloroethane-d4	5.08	65	91157	23.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.88%
29) Benzene-d6	5.10	84	309243	27.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.68%
33) 1,2-Dichloropropane-d6	6.12	67	95409	28.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.80%
37) Toluene-d8	7.36	98	263245	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.60%
38) trans-1,3-Dichloropropene-	7.66	79	29944	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.40%
39) 2-Hexanone-d5	8.13	63	28256	49.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	67878	22.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	43881	22.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.96%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.19	43	6198	6.670	ug/L	95
16) Methylene chloride	2.53	84	21751	3.720	ug/L	97

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

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