

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010355.D
 Acq On : 18 Apr 2019 18:17
 Operator : SY/MD
 Sample : K2470-05MS
 Misc : 4.95G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5135MS

Quant Time: Apr 19 07:51:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 06:08:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	301505	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	303994	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	160487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68925	18.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.00%
7) Chloroethane-d5	1.57	69	65595	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.60%
10) 1,1-Dichloroethene-d2	2.13	63	188385	20.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.56%
20) 2-Butanone-d5	3.94	46	60106	50.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.82%
24) Chloroform-d	4.40	84	169743	21.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.64%
26) 1,2-Dichloroethane-d4	5.08	65	108056	23.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.36%
29) Benzene-d6	5.10	84	319243	20.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.08%
33) 1,2-Dichloropropane-d6	6.12	67	100507	22.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.28%
37) Toluene-d8	7.36	98	299897	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.20%
38) trans-1,3-Dichloropropene-	7.67	79	45441	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.16%
39) 2-Hexanone-d5	8.13	63	52953	52.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	111385	24.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	144064	22.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	96401	24.612	ug/L	96
13) Acetone	2.19	43	5073	4.032	ug/L	96
16) Methylene chloride	2.54	84	6980	1.449	ug/L	86
34) Benzene	5.15	78	385169	25.964	ug/L	100
35) Trichloroethene	5.96	95	106868	24.349	ug/L	96
44) Toluene	7.43	91	434507	25.982	ug/L	97
52) Chlorobenzene	8.93	112	318637	27.383	ug/L	98

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

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