

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010360.D
 Acq On : 18 Apr 2019 20:28
 Operator : SY/MD
 Sample : K2403-19MSD
 Misc : 6.27G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5131MSD

Quant Time: Apr 19 08:29:01 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	289264	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	285480	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	144178	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67506	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.52%
7) Chloroethane-d5	1.57	69	65386	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
10) 1,1-Dichloroethene-d2	2.13	63	185376	20.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.68%
20) 2-Butanone-d5	3.93	46	61755	53.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.98%
24) Chloroform-d	4.40	84	170358	22.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	110279	24.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.28%
29) Benzene-d6	5.10	84	315357	21.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.32%
33) 1,2-Dichloropropane-d6	6.12	67	102103	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.48%
37) Toluene-d8	7.36	98	291767	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.08%
38) trans-1,3-Dichloropropene-	7.66	79	44758	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.12%
39) 2-Hexanone-d5	8.13	63	53111	55.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	113997	26.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	135756	23.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.13	96	85423	22.732	ug/L 87
13) Acetone	2.19	43	2987	2.474	ug/L 76
34) Benzene	5.14	78	335545	24.086	ug/L 100
35) Trichloroethene	5.96	95	96242	23.350	ug/L 98
44) Toluene	7.43	91	383018	24.388	ug/L 100
52) Chlorobenzene	8.93	112	280316	25.652	ug/L 98

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

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