

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010799.D
 Acq On : 10 May 2019 07:00
 Operator : SY/MD
 Sample : K2788-03
 Misc : 5.62G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5191

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 3:45:29 AM

Quant Time: May 10 09:14:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 07:54:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	92690	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	84704	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27589	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26837	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.56%
7) Chloroethane-d5	1.56	69	27485	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
10) 1,1-Dichloroethene-d2	2.12	63	46768m	14.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.88%
20) 2-Butanone-d5	3.92	46	24447	56.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.16%
24) Chloroform-d	4.39	84	68722	27.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.76%
26) 1,2-Dichloroethane-d4	5.07	65	43989	27.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.48%
29) Benzene-d6	5.09	84	122697	27.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.08%
33) 1,2-Dichloropropane-d6	6.11	67	42504	29.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.68%
37) Toluene-d8	7.36	98	98541	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.32%
38) trans-1,3-Dichloropropene-	7.66	79	15335	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.72%
39) 2-Hexanone-d5	8.13	63	17036	57.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36027	26.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	28450	26.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.52%

Target Compounds

					Ovalue
13) Acetone	2.18	43	9489	14.185 ug/L	94
22) cis-1,2-Dichloroethene	3.95	96	6530	4.334 ug/L	97
34) Benzene	5.14	78	2645	0.532 ug/L	100
35) Trichloroethene	5.96	95	22694	16.293 ug/L	97

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

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