

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010721.D
 Acq On : 08 May 2019 10:07
 Operator : SY/MD
 Sample : K2690-23MSD
 Misc : 5.29G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5167MSD

Quant Time: May 09 02:42:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 02:24:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	105379	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	101759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39585	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25798	15.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.04%
7) Chloroethane-d5	1.56	69	26597	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.96%
10) 1,1-Dichloroethene-d2	2.12	63	63530	17.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.56%
20) 2-Butanone-d5	3.93	46	28341	57.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.38%
24) Chloroform-d	4.39	84	65500	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.07	65	44180	24.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.48%
29) Benzene-d6	5.09	84	121820	22.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.96%
33) 1,2-Dichloropropane-d6	6.11	67	42767	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.24%
37) Toluene-d8	7.36	98	104725	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.68%
38) trans-1,3-Dichloropropene-	7.66	79	16008	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.28%
39) 2-Hexanone-d5	8.13	63	21192	59.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42447	26.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	36472	23.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.16%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.13	96	36231	21.839 ug/L	94
13) Acetone	2.18	43	5435	7.146 ug/L	95
16) Methylene chloride	2.52	84	3435	2.108 ug/L	90
34) Benzene	5.14	78	156948	26.273 ug/L	100
35) Trichloroethene	5.95	95	37589	22.464 ug/L	98
44) Toluene	7.43	91	160489	23.655 ug/L	99
52) Chlorobenzene	8.92	112	105038	23.697 ug/L	99

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

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