

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010449.D
 Acq On : 23 Apr 2019 11:22
 Operator : SY/MD
 Sample : K2481-09MSD
 Misc : 5.01G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHW2

Quant Time: Apr 24 02:47:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 02:09:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	86468	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	90583	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39339	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11439	9.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.40%
7) Chloroethane-d5	1.57	69	13977	15.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.32%
10) 1,1-Dichloroethene-d2	2.12	63	31334	14.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.36%
20) 2-Butanone-d5	3.94	46	14600	52.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.82%
24) Chloroform-d	4.40	84	47617	22.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.12%
26) 1,2-Dichloroethane-d4	5.08	65	30675	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.64%
29) Benzene-d6	5.10	84	82571	19.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.96%
33) 1,2-Dichloropropane-d6	6.12	67	29720	24.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.36%
37) Toluene-d8	7.36	98	76274	17.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.84%
38) trans-1,3-Dichloropropene-	7.67	79	10639	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.04%
39) 2-Hexanone-d5	8.14	63	8132	33.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	26591	22.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	34780	23.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.04%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.14	96	21851	20.069 ug/L #	75
16) Methylene chloride	2.53	84	2440	1.924 ug/L #	75
34) Benzene	5.14	78	108159	27.013 ug/L	100
35) Trichloroethene	5.96	95	28084	23.129 ug/L	96
44) Toluene	7.43	91	116781	24.135 ug/L	98
52) Chlorobenzene	8.92	112	86830	25.597 ug/L	98

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

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