

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010185.D
 Acq On : 08 Apr 2019 19:19
 Operator : SY/MD
 Sample : K2259-06MS
 Misc : 4.76G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ44MS

Quant Time: Apr 09 07:31:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 05:31:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	171895	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132190	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36106	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47818	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.12%
7) Chloroethane-d5	1.58	69	61694	21.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.32%
10) 1,1-Dichloroethene-d2	2.13	63	134918	23.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.96%
20) 2-Butanone-d5	3.95	46	42021	64.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.34%
24) Chloroform-d	4.41	84	108467	25.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.08	65	67950	28.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.20%
29) Benzene-d6	5.10	84	206190	30.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.32%
33) 1,2-Dichloropropane-d6	6.12	67	69541	34.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.48%#
37) Toluene-d8	7.36	98	165625	25.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.32%
38) trans-1,3-Dichloropropene-	7.67	79	19810	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.64%
39) 2-Hexanone-d5	8.14	63	28452	70.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.24%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	66438	33.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.20%#
61) 1,2-Dichlorobenzene-d4	11.68	152	38595	27.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	73700	31.361	ug/L	88
13) Acetone	2.21	43	3873	5.982	ug/L	96
16) Methylene chloride	2.53	84	14581	4.828	ug/L	100
34) Benzene	5.15	78	283202	43.810	ug/L	100
35) Trichloroethene	5.96	95	60446	32.487	ug/L	98
36) Methylcyclohexane	6.17	83	2648	0.950	ug/L #	58
44) Toluene	7.43	91	252037	34.739	ug/L	96
47) Tetrachloroethene	8.02	164	1245	0.799	ug/L	91
52) Chlorobenzene	8.93	112	138748	28.038	ug/L	98
54) m,p-Xylene	9.18	106	2132	0.689	ug/L #	56

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

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