

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010186.D
 Acq On : 08 Apr 2019 19:46
 Operator : SY/MD
 Sample : K2259-07MSD
 Misc : 4.55G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ44MSD

Quant Time: Apr 09 07:33:14 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	167248	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	118233	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	26176	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47640	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
7) Chloroethane-d5	1.58	69	73780	26.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.12%
10) 1,1-Dichloroethene-d2	2.13	63	131684	23.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.24%
20) 2-Butanone-d5	3.95	46	42516	66.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.46%
24) Chloroform-d	4.41	84	112803	26.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.08%
26) 1,2-Dichloroethane-d4	5.09	65	69681	29.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.24%
29) Benzene-d6	5.10	84	210918	34.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	137.60%#
33) 1,2-Dichloropropane-d6	6.12	67	73132	40.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	161.68%#
37) Toluene-d8	7.36	98	164694	27.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.52%
38) trans-1,3-Dichloropropene-	7.67	79	18099	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.60%
39) 2-Hexanone-d5	8.14	63	27694	76.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.62%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	66845	37.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	149.84%#
61) 1,2-Dichlorobenzene-d4	11.68	152	30157	29.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	68215	29.833	ug/L	83
13) Acetone	2.20	43	5947	9.441	ug/L	92
16) Methylene chloride	2.54	84	22011	7.491	ug/L	98
34) Benzene	5.15	78	284951	49.284	ug/L	100
35) Trichloroethene	5.96	95	54487	32.741	ug/L	98
36) Methylcyclohexane	6.18	83	2743	1.100	ug/L #	83
44) Toluene	7.43	91	231041	35.605	ug/L	98
47) Tetrachloroethene	8.02	164	1456	1.045	ug/L #	76
52) Chlorobenzene	8.93	112	121291	27.403	ug/L	98
53) Ethylbenzene	9.06	91	3955	0.556	ug/L #	80
54) m,p-Xylene	9.18	106	3404	1.229	ug/L	80

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

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