

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010184.D
 Acq On : 08 Apr 2019 18:53
 Operator : SY/MD
 Sample : K2259-05
 Misc : 4.61G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ44

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:28:30 AM

Quant Time: Apr 09 07:18:37 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	184764	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	114403	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	20824	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53197	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.04%
7) Chloroethane-d5	1.57	69	74096	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.48%
10) 1,1-Dichloroethene-d2	2.13	63	106296	17.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.16%
20) 2-Butanone-d5	3.95	46	46576m	66.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.34%
24) Chloroform-d	4.40	84	123097	26.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.08	65	75392	28.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.80%
29) Benzene-d6	5.10	84	231447	39.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	156.04%#
33) 1,2-Dichloropropane-d6	6.12	67	80233	45.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	183.28%#
37) Toluene-d8	7.36	98	173285	30.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.28%
38) trans-1,3-Dichloropropene-	7.67	79	19162	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.40%
39) 2-Hexanone-d5	8.13	63	29537	84.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.22%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62935	36.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	145.80%#
61) 1,2-Dichlorobenzene-d4	11.68	152	24167	29.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	4920	7.070	ug/L	93
16) Methylene chloride	2.53	84	16151	4.975	ug/L	97
34) Benzene	5.15	78	46328	8.281	ug/L	100
36) Methylcyclohexane	6.17	83	2400	0.995	ug/L #	76
44) Toluene	7.43	91	9339	1.487	ug/L	96
47) Tetrachloroethene	8.02	164	1660	1.232	ug/L	91
53) Ethylbenzene	9.05	91	4819	0.700	ug/L	95
54) m,p-Xylene	9.18	106	4130	1.541	ug/L	95

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

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