

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040619\
 Data File : VV010147.D
 Acq On : 06 Apr 2019 12:33
 Operator : SY/MD
 Sample : K2259-13
 Misc : 5.85G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ33

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:28:37 AM

Quant Time: Apr 07 01:30:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 00:49:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	207447	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165552	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52445	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40336	14.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.08%
7) Chloroethane-d5	1.57	69	57421	16.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.60%
10) 1,1-Dichloroethene-d2	2.13	63	91348	13.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.16%
20) 2-Butanone-d5	3.94	46	58194m	73.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.28%#
24) Chloroform-d	4.40	84	135545	25.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.76%
26) 1,2-Dichloroethane-d4	5.08	65	88113	30.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.52%
29) Benzene-d6	5.10	84	254598	29.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.60%
33) 1,2-Dichloropropane-d6	6.12	67	84018	33.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.64%#
37) Toluene-d8	7.36	98	214739	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.84%
38) trans-1,3-Dichloropropene-	7.67	79	19945	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.64%
39) 2-Hexanone-d5	8.14	63	40564	79.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.66%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	72700	29.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	55278	27.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	6670	8.537	ug/L	98
14) Carbon disulfide	2.31	76	6254	1.063	ug/L #	89
16) Methylene chloride	2.54	84	6710	1.841	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	22988	9.279	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	1649547	599.682	ug/L	99
34) Benzene	5.14	78	10018m	1.237	ug/L	
35) Trichloroethene	5.96	95	40903	17.553	ug/L	98
44) Toluene	7.43	91	5382	0.592	ug/L	86

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

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