

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010205.D
 Acq On : 09 Apr 2019 05:27
 Operator : SY/MD
 Sample : K2254-09
 Misc : 5.04G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC30

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:28:34 AM

Quant Time: Apr 09 08:55:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	150093	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	111103	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35094	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35865	17.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.40%
7) Chloroethane-d5	1.56	69	45059	18.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.20%
10) 1,1-Dichloroethene-d2	2.12	63	78264	15.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.76%
20) 2-Butanone-d5	3.94	46	47954	83.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.74%#
24) Chloroform-d	4.40	84	99840	26.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.08	65	61738	29.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.72%
29) Benzene-d6	5.09	84	192575	33.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.68%
33) 1,2-Dichloropropane-d6	6.12	67	63857	37.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	150.20%#
37) Toluene-d8	7.36	98	150081	27.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.16%
38) trans-1,3-Dichloropropene-	7.66	79	13296	18.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.16%
39) 2-Hexanone-d5	8.13	63	30174	88.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.96%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58715	35.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.04%#
61) 1,2-Dichlorobenzene-d4	11.67	152	40472	29.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.44%

Target Compounds

					Ovalue
13) Acetone	2.19	43	22951	40.599 ug/L	92
14) Carbon disulfide	2.31	76	2627	0.617 ug/L #	92
16) Methylene chloride	2.53	84	10184	3.862 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	2362	0.537 ug/L #	75
21) 2-Butanone	4.04	43	7118m	11.497 ug/L	

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

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