

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010190.D
 Acq On : 08 Apr 2019 22:51
 Operator : SY/MD
 Sample : K2254-03
 Misc : 2.87G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC24

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:28:31 AM

Quant Time: Apr 09 07:49:42 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	279736	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	245943	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98235	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	58331	15.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.32%
7) Chloroethane-d5	1.57	69	89114	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.64%
10) 1,1-Dichloroethene-d2	2.12	63	128230	13.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.28%
20) 2-Butanone-d5	3.94	46	42153	39.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.12%
24) Chloroform-d	4.40	84	148965	21.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.56%
26) 1,2-Dichloroethane-d4	5.08	65	91423	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.76%
29) Benzene-d6	5.09	84	294303	23.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.28%
33) 1,2-Dichloropropane-d6	6.11	67	92266	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	7.36	98	254126	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.72%
38) trans-1,3-Dichloropropene-	7.66	79	30558	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.96%
39) 2-Hexanone-d5	8.14	63	29640	39.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77797	20.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	85368	22.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.24%

Target Compounds					Ovalue
13) Acetone	2.19	43	20367	19.331 ug/L	94
14) Carbon disulfide	2.31	76	8591	1.082 ug/L	97
16) Methylene chloride	2.53	84	16400	3.337 ug/L	95
21) 2-Butanone	4.05	43	3078m	2.668 ug/L	

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

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