

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
 Data File : VV010098.D
 Acq On : 03 Apr 2019 18:30
 Operator : SY/MD
 Sample : K2148-01
 Misc : 5.33G/10mL/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5F4

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:40:42 AM

Quant Time: Apr 04 08:06:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	233852	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	205759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81369	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55783	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.28%
7) Chloroethane-d5	1.57	69	74344	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.48%
10) 1,1-Dichloroethene-d2	2.13	63	118418	14.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.96%
20) 2-Butanone-d5	3.94	46	46304	51.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.96%
24) Chloroform-d	4.40	84	117561	19.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.80%
26) 1,2-Dichloroethane-d4	5.08	65	73708	22.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.44%
29) Benzene-d6	5.10	84	242344	22.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.84%
33) 1,2-Dichloropropane-d6	6.11	67	72593	23.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.20%
37) Toluene-d8	7.36	98	213873	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.20%
38) trans-1,3-Dichloropropene-	7.66	79	25601	19.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.08%
39) 2-Hexanone-d5	8.14	63	33032	52.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	72713	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	67865	21.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.64%

Target Compounds					Ovalue
13) Acetone	2.20	43	8038	9.126 ug/L	96
16) Methylene chloride	2.53	84	15044	3.662 ug/L	94
47) Tetrachloroethene	8.02	164	2353m	0.971 ug/L	

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

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