

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010981.D
 Acq On : 21 May 2019 03:30
 Operator : SY/MD
 Sample : K2846-21
 Misc : 3.88G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHA3

Manual Integrations
 APPROVED

MMDadoda
 5/25/2019 1:42:59 AM

Quant Time: May 21 05:37:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 21 05:28:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	103888	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	93483	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31720	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	23456	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.24%
7) Chloroethane-d5	1.56	69	18952	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.52%
10) 1,1-Dichloroethene-d2	2.12	63	35005	15.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.48%
20) 2-Butanone-d5	3.94	46	22350	54.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.38%
24) Chloroform-d	4.40	84	59782	22.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.84%
26) 1,2-Dichloroethane-d4	5.08	65	40085	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.12%
29) Benzene-d6	5.09	84	136900	26.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.28%
33) 1,2-Dichloropropane-d6	6.11	67	46369	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.36%
37) Toluene-d8	7.36	98	107206	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.40%
38) trans-1,3-Dichloropropene-	7.66	79	11365	17.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.28%
39) 2-Hexanone-d5	8.13	63	16832	55.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37472	23.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	30336	23.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.20%

Target Compounds					Ovalue
13) Acetone	2.19	43	5011	12.715 ug/L	96
16) Methylene chloride	2.53	84	6938	3.891 ug/L	95
21) 2-Butanone	4.03	43	2307m	4.278 ug/L	

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

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