

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010973.D
 Acq On : 20 May 2019 22:22
 Operator : SY/MD
 Sample : K2846-16
 Misc : 4.25G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHB9

Quant Time: May 21 05:16:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 21 04:03:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	101645	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	100058	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37171	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22100	19.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.28%
7) Chloroethane-d5	1.57	69	17783	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.68%
10) 1,1-Dichloroethene-d2	2.12	63	32455	14.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.28%
20) 2-Butanone-d5	3.94	46	21188	52.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.98%
24) Chloroform-d	4.40	84	54667	20.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.04%
26) 1,2-Dichloroethane-d4	5.08	65	38702	24.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.76%
29) Benzene-d6	5.10	84	127765	23.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.56%
33) 1,2-Dichloropropane-d6	6.12	67	43601	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	7.36	98	106884	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.20%
38) trans-1,3-Dichloropropene-	7.66	79	13054	18.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.28%
39) 2-Hexanone-d5	8.13	63	18100	55.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41498	23.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	38851	25.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.96%

Target Compounds					Ovalue
13) Acetone	2.19	43	2848	7.386 ug/L	97
14) Carbon disulfide	2.31	76	6070	2.021 ug/L	99
16) Methylene chloride	2.53	84	5356	3.070 ug/L	92

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

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