

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010122.D
 Acq On : 24 Apr 2019 22:29
 Operator : SY/VA
 Sample : K2481-21
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
ClientSampled :
 GAHX4

Manual Integrations
APPROVED
 MMDadoda
 4/26/2019 12:51:47 PM

Quant Time: Apr 25 03:41:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:36:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	14119	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	17127	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	7812	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	1618	11.99	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.96%
7) Chloroethane-d5	2.89	69	2410	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.44%
10) 1,1-Dichloroethene-d2	4.02	63	3250m	8.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	32.84%#
20) 2-Butanone-d5	7.09	46	3863	60.61	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.22%
24) Chloroform-d	7.64	84	10028	26.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.72%
26) 1,2-Dichloroethane-d4	8.30	65	8450	38.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	153.76%#
29) Benzene-d6	8.27	84	16977m	17.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.00%
33) 1,2-Dichloropropane-d6	9.27	67	7222	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.52%
37) Toluene-d8	10.32	98	13681	15.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.12%
38) trans-1,3-Dichloropropene-	10.58	79	2534	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.76%
39) 2-Hexanone-d5	10.93	63	2762m	43.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	7701	30.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.72%#
61) 1,2-Dichlorobenzene-d4	13.85	152	7266	25.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.48%

Target Compounds Ovalue

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

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