

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010139.D
 Acq On : 25 Apr 2019 13:14
 Operator : SY/VA
 Sample : K2497-03
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX9

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 12:52:29 PM

Quant Time: Apr 26 01:46:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 01:05:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	85891	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	68479	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	30272	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	20082	24.46	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.84%
7) Chloroethane-d5	2.88	69	18455	27.20	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.80%
10) 1,1-Dichloroethene-d2	4.01	63	41352	17.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.64%
20) 2-Butanone-d5	7.07	46	12793	33.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.00%
24) Chloroform-d	7.65	84	55919	24.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	8.31	65	30000	22.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.72%
29) Benzene-d6	8.27	84	104680	26.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.96%
33) 1,2-Dichloropropane-d6	9.27	67	34009	28.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.52%
37) Toluene-d8	10.32	98	74761	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.88%
38) trans-1,3-Dichloropropene-	10.58	79	9936	17.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.32%
39) 2-Hexanone-d5	10.93	63	6395	25.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	22643	22.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	27007	24.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.36%

Target Compounds				Ovalue
16) Methylene chloride	4.92	84	4085m	3.393 ug/L

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

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