

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010143.D
 Acq On : 25 Apr 2019 15:14
 Operator : SY/VA
 Sample : K2497-07MSD
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHY1MSD

Quant Time: Apr 26 02:04:45 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	594129	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	560450	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	249833	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	121504	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.56%
7) Chloroethane-d5	2.89	69	99756	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
10) 1,1-Dichloroethene-d2	4.01	63	341954	20.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.08%
20) 2-Butanone-d5	7.08	46	109704	40.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.80%
24) Chloroform-d	7.65	84	351452	22.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	8.31	65	202657	21.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.64%
29) Benzene-d6	8.27	84	709864	22.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.44%
33) 1,2-Dichloropropane-d6	9.27	67	225749	22.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.24%
37) Toluene-d8	10.32	98	638063	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.52%
38) trans-1,3-Dichloropropene-	10.58	79	93294	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.84%
39) 2-Hexanone-d5	10.93	63	86808	41.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	177976	21.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	230170	24.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	169347	21.997	ug/L	85
13) Acetone	4.12	43	5802	2.867	ug/L	78
16) Methylene chloride	4.91	84	18578	2.231	ug/L	87
34) Benzene	8.32	78	842499	24.714	ug/L	100
35) Trichloroethene	9.09	95	210512	23.414	ug/L	98
44) Toluene	10.38	91	941243	26.083	ug/L	99
52) Chlorobenzene	11.66	112	586224	25.674	ug/L	99

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

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