

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013859.D
 Acq On : 31 Oct 2019 16:00
 Operator : SY/VA
 Sample : K5596-22MSD
 Misc : 6.75G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQC1MSD

Quant Time: Nov 01 03:49:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 02:10:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	285900	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	277902	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143813	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	86928	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.88%
7) Chloroethane-d5	2.89	69	71183	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.60%
10) 1,1-Dichloroethene-d2	4.03	63	185116	21.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.00%
20) 2-Butanone-d5	7.07	46	77382	50.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.18%
24) Chloroform-d	7.65	84	199105	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	8.31	65	114182	24.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.00%
29) Benzene-d6	8.27	84	413441	22.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.84%
33) 1,2-Dichloropropane-d6	9.27	67	132041	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.88%
37) Toluene-d8	10.32	98	381993	22.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.76%
38) trans-1,3-Dichloropropene-	10.58	79	52201	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.60%
39) 2-Hexanone-d5	10.93	63	64220	51.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126540	25.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	137115	24.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	106509	22.501	ug/L	91
13) Acetone	4.12	43	12462	8.705	ug/L	99
34) Benzene	8.32	78	492040	25.532	ug/L	100
35) Trichloroethene	9.09	95	121328	23.855	ug/L	99
44) Toluene	10.39	91	533752	25.651	ug/L	97
47) Tetrachloroethene	10.86	164	3008	0.659	ug/L #	87
52) Chlorobenzene	11.66	112	330715	24.508	ug/L	99
54) m,p-Xylene	11.83	106	4254	0.473	ug/L	74

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

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