

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071019\
 Data File : VW011189.D
 Acq On : 10 Jul 2019 12:10
 Operator : SY/VA
 Sample : K3724-04MSD
 Misc : 5.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8T1MSD

Quant Time: Jul 22 05:37:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 11 05:38:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	282786	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	252656	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114036	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	71475	16.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.20%
7) Chloroethane-d5	2.88	69	54972	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.60%
10) 1,1-Dichloroethene-d2	4.01	63	182461	19.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.80%
20) 2-Butanone-d5	7.07	46	73015	42.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.86%
24) Chloroform-d	7.64	84	165410	21.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.36%
26) 1,2-Dichloroethane-d4	8.31	65	105187	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.16%
29) Benzene-d6	8.27	84	339399	21.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.20%
33) 1,2-Dichloropropane-d6	9.27	67	115702	22.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.32%
37) Toluene-d8	10.32	98	298699	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.12%
38) trans-1,3-Dichloropropene-	10.58	79	43136	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.04%
39) 2-Hexanone-d5	10.92	63	46700	40.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91475	21.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	101041	23.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	88595	23.840	ug/L	86
22) cis-1,2-Dichloroethene	7.17	96	2920	0.718	ug/L	84
34) Benzene	8.32	78	417306	26.427	ug/L	100
35) Trichloroethene	9.09	95	107486	26.974	ug/L	99
44) Toluene	10.38	91	432929	26.488	ug/L	99
47) Tetrachloroethene	10.86	164	155133	51.513	ug/L	97
52) Chlorobenzene	11.66	112	258705	25.909	ug/L	100

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

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