

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
 Data File : VW011770.D
 Acq On : 08 Aug 2019 12:57
 Operator : SY/VA
 Sample : K4215-01
 Misc : 5.25G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB4

Quant Time: Aug 09 04:09:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 09 02:27:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	182460	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	93970	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	19305	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	48825	19.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.00%
7) Chloroethane-d5	2.89	69	44590	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.40%
10) 1,1-Dichloroethene-d2	4.01	63	85008	14.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.72%
20) 2-Butanone-d5	7.07	46	87728	75.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.66%#
24) Chloroform-d	7.65	84	109445	21.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.36%
26) 1,2-Dichloroethane-d4	8.31	65	72934	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.36%
29) Benzene-d6	8.27	84	214855	36.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	145.44%#
33) 1,2-Dichloropropane-d6	9.27	67	72128	37.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	151.24%#
37) Toluene-d8	10.32	98	141254	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.72%
38) trans-1,3-Dichloropropene-	10.58	79	18180	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.96%
39) 2-Hexanone-d5	10.93	63	38784	87.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	174.08%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54048	34.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.48%#
61) 1,2-Dichlorobenzene-d4	13.85	152	16994	22.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	12697	10.248	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	267454	94.420	ug/L	98
35) Trichloroethene	9.09	95	2008	1.201	ug/L #	81
43) 4-Methyl-2-pentanone	10.21	43	12333	7.744	ug/L	97
44) Toluene	10.38	91	17316	2.588	ug/L	100
53) Ethylbenzene	11.73	91	13252	1.776	ug/L	100
54) m,p-Xylene	11.84	106	17558	6.472	ug/L	94
55) o-xylene	12.16	106	5705	2.234	ug/L	90
57) Isopropylbenzene	12.46	105	3344	0.476	ug/L #	79

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

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