

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072919\
 Data File : VW011562.D
 Acq On : 29 Jul 2019 16:04
 Operator : SY/VA
 Sample : K4001-01
 Misc : 5.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB942

Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 9:45:56 AM

Quant Time: Jul 30 07:33:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 05:56:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	415931	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	378774	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170189	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	129444	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.24%
7) Chloroethane-d5	2.89	69	94544	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.48%
10) 1,1-Dichloroethene-d2	4.02	63	220829	17.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.20%
20) 2-Butanone-d5	7.07	46	104670	44.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.54%
24) Chloroform-d	7.65	84	250589	23.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	8.31	65	153880	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.20%
29) Benzene-d6	8.27	84	520872	22.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.96%
33) 1,2-Dichloropropane-d6	9.27	67	171213	23.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.32%
37) Toluene-d8	10.32	98	457962	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.24%
38) trans-1,3-Dichloropropene-	10.58	79	69529	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.72%
39) 2-Hexanone-d5	10.93	63	68970	43.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132188	22.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	151526	23.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.84%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	4900m	1.959	ug/L	
47) Tetrachloroethene	10.87	164	2549	0.532	ug/L	84

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

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