

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013640.D
 Acq On : 21 Oct 2019 17:11
 Operator : SY/VA
 Sample : K5422-08
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 12:39:11 PM

Quant Time: Oct 21 19:17:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 16:37:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	46213	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	36681	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	11103	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	17716	31.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.96%
7) Chloroethane-d5	2.89	69	16351	30.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.56%
10) 1,1-Dichloroethene-d2	4.02	63	28286	22.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.36%
20) 2-Butanone-d5	7.09	46	6098m	30.07	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.14%
24) Chloroform-d	7.65	84	33260	25.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.88%
26) 1,2-Dichloroethane-d4	8.31	65	17351	25.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.64%
29) Benzene-d6	8.27	84	71441	32.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.68%
33) 1,2-Dichloropropane-d6	9.27	67	20963	31.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.40%#
37) Toluene-d8	10.32	98	56101	27.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.40%
38) trans-1,3-Dichloropropene-	10.58	79	6367	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.76%
39) 2-Hexanone-d5	10.93	63	3810	30.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	12852	23.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	9927	25.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.20%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	6660	7.526 ug/L	93

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

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