

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016330.D
 Acq On : 24 Aug 2020 15:06
 Operator : SY/VA
 Sample : L3782-05
 Misc : 5.71G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSK2

Manual Integrations
 APPROVED

MMDadoda
 8/25/2020 6:09:41 PM

Quant Time: Aug 25 15:25:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 15:01:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	11585	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	9128	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	1096	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	2664	21.54	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.16%
7) Chloroethane-d5	2.90	69	2712	28.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.52%
10) 1,1-Dichloroethene-d2	4.03	63	4506	15.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.36%
20) 2-Butanone-d5	7.10	46	1116m	31.72	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.44%
24) Chloroform-d	7.65	84	7320	24.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.96%
26) 1,2-Dichloroethane-d4	8.31	65	3219	20.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.72%
29) Benzene-d6	8.28	84	12375	24.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.12%
33) 1,2-Dichloropropane-d6	9.28	67	3643	25.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.32%
37) Toluene-d8	10.33	98	9180	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.36%
38) trans-1,3-Dichloropropene-	10.59	79	1054	15.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.96%
39) 2-Hexanone-d5	10.93	63	447	19.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	39.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	2368	20.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	1270	30.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.88%#

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	2049m	9.568	ug/L
47) Tetrachloroethene	10.86	164	1022	8.742	ug/L

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

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