

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016367.D
 Acq On : 26 Aug 2020 15:12
 Operator : SY/VA
 Sample : L3807-12
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSR9

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 9:35:15 AM

Quant Time: Aug 27 03:55:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	297571	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281001	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123841	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	49120	15.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.84%
7) Chloroethane-d5	2.89	69	44959	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.56%
10) 1,1-Dichloroethene-d2	4.02	63	101334	13.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.72%
20) 2-Butanone-d5	7.09	46	32694	36.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.36%
24) Chloroform-d	7.65	84	165689	21.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.44%
26) 1,2-Dichloroethane-d4	8.31	65	84167	21.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.20%
29) Benzene-d6	8.28	84	306365	19.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.12%
33) 1,2-Dichloropropane-d6	9.27	67	89558	20.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.52%
37) Toluene-d8	10.33	98	289878	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.36%
38) trans-1,3-Dichloropropene-	10.58	79	37582	17.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.76%
39) 2-Hexanone-d5	10.93	63	28628	41.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73415	20.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	105314	22.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.72%

Target Compounds				Ovalue
16) Methylene chloride	4.93	84	30953m	5.627 ug/L

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

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