

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080320\
 Data File : VW016033.D
 Acq On : 03 Aug 2020 14:17
 Operator : SY/VA
 Sample : L3533-02
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Manual Integrations
 APPROVED

MMDadoda
 8/5/2020 2:40:04 PM

Quant Time: Aug 04 04:18:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 04 03:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	429375	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401495	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178807	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89694	14.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.20%
7) Chloroethane-d5	2.90	69	91172	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.12%
10) 1,1-Dichloroethene-d2	4.01	63	167449	13.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.68%
20) 2-Butanone-d5	7.08	46	96892	60.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.76%
24) Chloroform-d	7.65	84	260958	21.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	8.31	65	145501	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.92%
29) Benzene-d6	8.27	84	524598	21.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.88%
33) 1,2-Dichloropropane-d6	9.27	67	168291	22.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.88%
37) Toluene-d8	10.33	98	456558	20.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.48%
38) trans-1,3-Dichloropropene-	10.58	79	63737	20.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.64%
39) 2-Hexanone-d5	10.93	63	73111	59.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150439	26.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	160533	23.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.08%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Methylene chloride	4.91	84	22363m	3.178	ug/L	

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

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