

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\
 Data File : VW016928.D
 Acq On : 16 Oct 2020 15:17
 Operator : SY/VA
 Sample : VIBLK16
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 17 01:45:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 00:37:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	464732	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	431092	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200132	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95304	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
7) Chloroethane-d5	2.89	69	81513	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
10) 1,1-Dichloroethene-d2	4.03	63	149317	15.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.36%
20) 2-Butanone-d5	7.08	46	73946	71.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.42%#
24) Chloroform-d	7.65	84	239533	24.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	8.31	65	127017	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.28%
29) Benzene-d6	8.28	84	468409	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.28	67	135764	25.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.20%
37) Toluene-d8	10.32	98	439906	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.24%
38) trans-1,3-Dichloropropene-	10.58	79	58020	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.00%
39) 2-Hexanone-d5	10.93	63	60904	74.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.70%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136191	32.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.16%#
61) 1,2-Dichlorobenzene-d4	13.85	152	177992	28.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.16%

Target Compounds

					Ovalue
13) Acetone	4.15	43	1769m	2.251	ug/L
16) Methylene chloride	4.93	84	13363	2.084	ug/L
43) 4-Methyl-2-pentanone	10.21	43	1865	0.708	ug/L #
47) Tetrachloroethene	10.87	164	4986	0.821	ug/L

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

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