

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061620\
 Data File : VW015610.D
 Acq On : 16 Jun 2020 16:17
 Operator : SY/VA
 Sample : L3027-04
 Misc : 4.66G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K8

Quant Time: Jun 17 07:34:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 17 06:26:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	312561	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220079	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	53625	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93633	32.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	130.76%
7) Chloroethane-d5	2.90	69	79102	27.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.08%
10) 1,1-Dichloroethene-d2	4.01	63	135040	19.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.40%
20) 2-Butanone-d5	7.08	46	26281m	28.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.20%
24) Chloroform-d	7.65	84	164049	22.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	8.31	65	88144	21.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.68%
29) Benzene-d6	8.28	84	320502	29.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.76%
33) 1,2-Dichloropropane-d6	9.27	67	91253	27.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.28%
37) Toluene-d8	10.32	98	260422	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.28%
38) trans-1,3-Dichloropropene-	10.58	79	33013	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.04%
39) 2-Hexanone-d5	10.93	63	19094	33.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	44904	18.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	35101	19.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.12%

Target Compounds

					Ovalue
13) Acetone	4.13	43	5902	8.164 ug/L	96
16) Methylene chloride	4.92	84	8184	2.133 ug/L	90
21) 2-Butanone	7.15	43	6193m	5.576 ug/L	
47) Tetrachloroethene	10.87	164	2130	0.813 ug/L	92

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

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