

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061120\
 Data File : VW015582.D
 Acq On : 11 Jun 2020 12:20
 Operator : SY/VA
 Sample : L2959-06
 Misc : 4.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K0

Quant Time: Jun 12 05:42:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:02:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	380422	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337307	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152051	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117124	33.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	134.40%
7) Chloroethane-d5	2.90	69	92230	26.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.40%
10) 1,1-Dichloroethene-d2	4.01	63	167852	19.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.04%
20) 2-Butanone-d5	7.09	46	44756	39.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.64%
24) Chloroform-d	7.65	84	206038	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	8.31	65	112394	22.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.84%
29) Benzene-d6	8.27	84	417012	25.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.84%
33) 1,2-Dichloropropane-d6	9.28	67	118656	23.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.40%
37) Toluene-d8	10.32	98	390773	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.20%
38) trans-1,3-Dichloropropene-	10.58	79	49125	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.48%
39) 2-Hexanone-d5	10.93	63	35751	41.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76456	20.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	113597	22.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.16%

Target Compounds

					Ovalue
13) Acetone	4.13	43	20812	23.653	ug/L 100
21) 2-Butanone	7.18	43	9703	7.178	ug/L 99
36) Methylcyclohexane	9.34	83	16608	1.838	ug/L # 88
44) Toluene	10.39	91	674364	32.814	ug/L 98
47) Tetrachloroethene	10.87	164	5084	1.266	ug/L 90
53) Ethylbenzene	11.73	91	44946	1.905	ug/L 99
54) m,p-Xylene	11.84	106	48408	5.467	ug/L 95
55) o-xylene	12.17	106	17156	2.041	ug/L 95

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

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