

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016611.D
 Acq On : 22 Sep 2020 15:30
 Operator : SY/VA
 Sample : L4109-02
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W6

Quant Time: Sep 23 08:10:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	678851	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	602874	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	294674	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	172653	26.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.12%
7) Chloroethane-d5	2.90	69	150594	28.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.28%
10) 1,1-Dichloroethene-d2	4.03	63	272465	18.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.20%
20) 2-Butanone-d5	7.09	46	73665	41.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.24%
24) Chloroform-d	7.65	84	383628	27.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.04%
26) 1,2-Dichloroethane-d4	8.31	65	193291	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.04%
29) Benzene-d6	8.28	84	750336	27.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.00%
33) 1,2-Dichloropropane-d6	9.28	67	204239	27.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.48%
37) Toluene-d8	10.33	98	724725	27.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.00%
38) trans-1,3-Dichloropropene-	10.58	79	90371	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.88%
39) 2-Hexanone-d5	10.93	63	59964	44.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.98%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	148959	23.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	251981	26.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	12064	8.597	ug/L	85
16) Methylene chloride	4.93	84	58506	5.588	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	4616	0.500	ug/L	87
30) Cyclohexane	7.96	56	3261	0.248	ug/L #	62
31) 1,1,1-Trichloroethane	7.88	97	6619	0.470	ug/L	95
44) Toluene	10.39	91	151765	4.177	ug/L	99
53) Ethylbenzene	11.73	91	11708	0.284	ug/L	88
54) m,p-Xylene	11.84	106	24450	1.514	ug/L	94
55) o-xylene	12.17	106	8457	0.546	ug/L	99

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

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