

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072720\
 Data File : VW015967.D
 Acq On : 27 Jul 2020 14:23
 Operator : SY/VA
 Sample : L3458-09MS
 Misc : 6.01G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY36MS

Quant Time: Jul 28 02:27:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 28 01:36:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	399908	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	373316	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176454	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	94814	16.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.20%
7) Chloroethane-d5	2.89	69	86745	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.72%
10) 1,1-Dichloroethene-d2	4.02	63	229985	20.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.64%
20) 2-Butanone-d5	7.09	46	132149	89.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	178.30%#
24) Chloroform-d	7.65	84	230082	20.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.96%
26) 1,2-Dichloroethane-d4	8.31	65	148172	24.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.12%
29) Benzene-d6	8.27	84	455728	20.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.24%
33) 1,2-Dichloropropane-d6	9.27	67	147726	21.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.76%
37) Toluene-d8	10.33	98	403823	19.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.48%
38) trans-1,3-Dichloropropene-	10.58	79	64820	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.28%
39) 2-Hexanone-d5	10.93	63	105403	92.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	185.84%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	175728	33.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	149532	21.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	129150	25.123	ug/L	91
13) Acetone	4.14	43	28565	22.947	ug/L	97
15) Methyl Acetate	4.68	43	10553	4.496	ug/L	98
16) Methylene chloride	4.92	84	15708	2.397	ug/L	93
21) 2-Butanone	7.18	43	4349	2.825	ug/L	90
34) Benzene	8.32	78	605018	26.684	ug/L	100
35) Trichloroethene	9.09	95	152495	25.425	ug/L	97
44) Toluene	10.39	91	639341	26.885	ug/L	98
52) Chlorobenzene	11.66	112	398761	26.169	ug/L	97

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

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