

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072720\
 Data File : VW015968.D
 Acq On : 27 Jul 2020 14:46
 Operator : SY/VA
 Sample : L3458-10MSD
 Misc : 5.52G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY36MSD

Quant Time: Jul 28 02:31:59 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	304627	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	280972	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120143	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	75505	17.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.28%
7) Chloroethane-d5	2.90	69	66847	19.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.60%
10) 1,1-Dichloroethene-d2	4.03	63	180570	20.78	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.12%
20) 2-Butanone-d5	7.09	46	121153	107.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	214.60%#
24) Chloroform-d	7.65	84	177122	20.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	8.31	65	111749	23.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.16%
29) Benzene-d6	8.28	84	349314	20.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.68%
33) 1,2-Dichloropropane-d6	9.28	67	112027	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.40%
37) Toluene-d8	10.33	98	306237	19.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.08%
38) trans-1,3-Dichloropropene-	10.58	79	48556	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.88%
39) 2-Hexanone-d5	10.93	63	90412	105.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	211.80%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140017	35.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	142.12%#
61) 1,2-Dichlorobenzene-d4	13.86	152	107310	22.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	104511	26.689	ug/L	97
13) Acetone	4.14	43	27587	29.093	ug/L	93
15) Methyl Acetate	4.69	43	8426	4.713	ug/L	96
16) Methylene chloride	4.92	84	9567	1.917	ug/L	89
21) 2-Butanone	7.18	43	3568	3.043	ug/L	89
34) Benzene	8.33	78	475201	27.846	ug/L	100
35) Trichloroethene	9.10	95	119456	26.462	ug/L	95
44) Toluene	10.39	91	497434	27.792	ug/L	95
52) Chlorobenzene	11.66	112	309315	26.970	ug/L	97

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

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