

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072720\
 Data File : VW015965.D
 Acq On : 27 Jul 2020 12:32
 Operator : SY/VA
 Sample : L3458-04
 Misc : 5.73G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY32

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:52:17 PM

Quant Time: Jul 28 02:18:19 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	103758	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	92651	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	33422	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	32432	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.60%
7) Chloroethane-d5	2.89	69	26523	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.20%
10) 1,1-Dichloroethene-d2	4.02	63	45669	15.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.72%
20) 2-Butanone-d5	7.09	46	32769	85.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.42%#
24) Chloroform-d	7.65	84	53864	18.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.92%
26) 1,2-Dichloroethane-d4	8.31	65	32237	20.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.60%
29) Benzene-d6	8.28	84	109840	19.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.92%
33) 1,2-Dichloropropane-d6	9.28	67	33933	20.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.28%
37) Toluene-d8	10.33	98	90893	17.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.16%
38) trans-1,3-Dichloropropene-	10.59	79	13330	18.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.00%
39) 2-Hexanone-d5	10.93	63	21484	76.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.64%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	37607	28.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	27572	21.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	5249	16.252	ug/L	97
15) Methyl Acetate	4.68	43	2786m	4.575	ug/L	
16) Methylene chloride	4.92	84	3970	2.335	ug/L	86
30) Cyclohexane	7.96	56	1943	0.832	ug/L #	76
34) Benzene	8.33	78	3467	0.616	ug/L	100
36) Methylcyclohexane	9.34	83	2996	1.173	ug/L #	87
44) Toluene	10.40	91	7462	1.264	ug/L	92
53) Ethylbenzene	11.73	91	2753	0.415	ug/L	99
54) m,p-Xylene	11.84	106	1467	0.591	ug/L	84

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

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