

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072720\
 Data File : VW015963.D
 Acq On : 27 Jul 2020 11:44
 Operator : SY/VA
 Sample : L3458-02
 Misc : 4.32G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY30

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:52:15 PM

Quant Time: Jul 28 02:07:56 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	293362	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	256156	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100733	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	86923	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.00%
7) Chloroethane-d5	2.89	69	67827	20.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.68%
10) 1,1-Dichloroethene-d2	4.01	63	125989	15.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.20%
20) 2-Butanone-d5	7.09	46	122760	112.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	225.80%#
24) Chloroform-d	7.65	84	162470	19.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.88%
26) 1,2-Dichloroethane-d4	8.31	65	101024	22.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.36%
29) Benzene-d6	8.28	84	329830	21.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.60%
33) 1,2-Dichloropropane-d6	9.28	67	102798	21.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.96%
37) Toluene-d8	10.33	98	288015	20.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.56%
38) trans-1,3-Dichloropropene-	10.59	79	44420	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.20%
39) 2-Hexanone-d5	10.93	63	87615	112.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	225.14%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119179	33.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.68%#
61) 1,2-Dichlorobenzene-d4	13.86	152	84845	21.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.40%

Target Compounds

					Ovalue
13) Acetone	4.14	43	10138	11.102	ug/L 75
15) Methyl Acetate	4.68	43	10444	6.066	ug/L 96
16) Methylene chloride	4.92	84	7610m	1.583	ug/L
21) 2-Butanone	7.19	43	3034m	2.687	ug/L
34) Benzene	8.33	78	13233	0.851	ug/L 100
36) Methylcyclohexane	9.34	83	11186	1.584	ug/L 91
44) Toluene	10.39	91	33761	2.069	ug/L 98
53) Ethylbenzene	11.74	91	21930	1.195	ug/L 98
54) m,p-Xylene	11.84	106	5971	0.870	ug/L 93
55) o-xylene	12.17	106	2268	0.351	ug/L 97

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

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