

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072120\
 Data File : VW015885.D
 Acq On : 21 Jul 2020 13:56
 Operator : SY/VA
 Sample : L3341-02MS
 Misc : 4.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY4MS

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 5:52:14 PM

Quant Time: Jul 22 07:21:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 06:22:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	422751	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	394001	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175519	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127125	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.24%
7) Chloroethane-d5	2.89	69	97849	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.80%
10) 1,1-Dichloroethene-d2	4.01	63	249031	20.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.60%
20) 2-Butanone-d5	7.09	46	74971	47.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.68%
24) Chloroform-d	7.65	84	230273	19.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.56%
26) 1,2-Dichloroethane-d4	8.31	65	139128	21.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.40%
29) Benzene-d6	8.28	84	461025	19.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.88%
33) 1,2-Dichloropropane-d6	9.27	67	139605	19.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.68%
37) Toluene-d8	10.33	98	420616	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.44%
38) trans-1,3-Dichloropropene-	10.58	79	62934	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.16%
39) 2-Hexanone-d5	10.93	63	57870	48.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121751	22.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	139716	20.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.64%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	4.04	96	112195	20.645 ug/L	97
13) Acetone	4.14	43	24110	18.322 ug/L	99
21) 2-Butanone	7.18	43	4045m	2.486 ug/L	
34) Benzene	8.32	78	518675	21.675 ug/L	100
35) Trichloroethene	9.09	95	134051	21.176 ug/L	98
44) Toluene	10.39	91	560533	22.334 ug/L	99
47) Tetrachloroethene	10.87	164	5071	1.032 ug/L	95
52) Chlorobenzene	11.66	112	347066	21.580 ug/L	98

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

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