

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017294.D
 Acq On : 17 Nov 2020 18:18
 Operator : SY/VA
 Sample : L4738-03MSD
 Misc : 5.85G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X0MSD

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:09:40 AM

Quant Time: Nov 18 04:43:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	393683	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	356715	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166097	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88312	17.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.24%
7) Chloroethane-d5	2.90	69	75158	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
10) 1,1-Dichloroethene-d2	4.03	63	179457	20.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.92%
20) 2-Butanone-d5	7.08	46	57402	51.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.52%
24) Chloroform-d	7.65	84	201709	21.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	8.31	65	112602	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.56%
29) Benzene-d6	8.28	84	384577	21.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.68%
33) 1,2-Dichloropropane-d6	9.28	67	112574	22.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.60%
37) Toluene-d8	10.33	98	358183	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.64%
38) trans-1,3-Dichloropropene-	10.58	79	48712	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.00%
39) 2-Hexanone-d5	10.93	63	48997	55.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114452	26.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	136512	23.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.05	96	105231	21.537	ug/L	89
13) Acetone	4.13	43	8693	11.708	ug/L	73
16) Methylene chloride	4.92	84	8909m	1.679	ug/L	
34) Benzene	8.33	78	430252	22.970	ug/L	100
35) Trichloroethene	9.10	95	120970	23.055	ug/L	99
44) Toluene	10.39	91	476903	23.131	ug/L	97
52) Chlorobenzene	11.66	112	312922	22.440	ug/L	98

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

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