

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015452.D
 Acq On : 22 May 2020 15:05
 Operator : SY/VA
 Sample : L2753-04
 Misc : 5.85G/10.0mL/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXE5

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:22:05 PM

Quant Time: May 23 05:25:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	299752	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223877	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	56733	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	55131	14.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.80%
7) Chloroethane-d5	2.90	69	70106	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.56%
10) 1,1-Dichloroethene-d2	4.01	63	109629	14.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.48%
20) 2-Butanone-d5	7.08	46	76917	76.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.56%#
24) Chloroform-d	7.65	84	178816	23.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	8.31	65	116524	27.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.04%
29) Benzene-d6	8.27	84	327241	26.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.88%
33) 1,2-Dichloropropane-d6	9.27	67	110560	29.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.12%
37) Toluene-d8	10.32	98	280582	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.28%
38) trans-1,3-Dichloropropene-	10.58	79	48611	28.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.08%
39) 2-Hexanone-d5	10.93	63	60979	88.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	177.84%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98077	35.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.32%#
61) 1,2-Dichlorobenzene-d4	13.85	152	49447	24.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	13805	18.199	ug/L	98
14) Carbon disulfide	4.38	76	7832	0.701	ug/L	95
15) Methyl Acetate	4.68	43	1707m	1.029	ug/L	
21) 2-Butanone	7.18	43	3133	2.747	ug/L #	54
35) Trichloroethene	9.09	95	3551	1.012	ug/L	97
44) Toluene	10.38	91	26833	1.874	ug/L	98
47) Tetrachloroethene	10.86	164	2173	0.825	ug/L	88

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

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