

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016641.D
 Acq On : 24 Sep 2020 15:14
 Operator : SY/VA
 Sample : L4108-20
 Misc : 4.80G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L6

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 3:15:11 PM

Quant Time: Sep 25 08:19:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 07:55:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	675310	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	572860	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	241465	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	143503	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.80%
7) Chloroethane-d5	2.90	69	125145	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.80%
10) 1,1-Dichloroethene-d2	4.03	63	227834	15.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.36%
20) 2-Butanone-d5	7.09	46	57307	32.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.32%
24) Chloroform-d	7.65	84	328056	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	8.31	65	161363	22.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.00%
29) Benzene-d6	8.28	84	639516	24.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.56%
33) 1,2-Dichloropropane-d6	9.28	67	172813	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.28%
37) Toluene-d8	10.33	98	592893	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.84%
38) trans-1,3-Dichloropropene-	10.58	79	69011	19.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.64%
39) 2-Hexanone-d5	10.93	63	47403	37.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116028	19.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	186685	24.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.80%

Target Compounds					Ovalue
13) Acetone	4.15	43	4949	3.545 ug/L	77
14) Carbon disulfide	4.40	76	13449	0.521 ug/L #	89
16) Methylene chloride	4.92	84	20566m	1.975 ug/L	

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

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