

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016639.D
 Acq On : 24 Sep 2020 14:27
 Operator : SY/VA
 Sample : L4108-22
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L8

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 3:15:02 PM

Quant Time: Sep 25 08:13:35 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	708441	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	602629	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	285550	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	160497	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.64%
7) Chloroethane-d5	2.90	69	136586	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.56%
10) 1,1-Dichloroethene-d2	4.03	63	254555	16.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.40%
20) 2-Butanone-d5	7.09	46	60331	32.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.54%
24) Chloroform-d	7.65	84	348976	23.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	8.31	65	168644	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.68%
29) Benzene-d6	8.28	84	685428	25.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.44%
33) 1,2-Dichloropropane-d6	9.28	67	185073	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.08%
37) Toluene-d8	10.33	98	651156	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.96%
38) trans-1,3-Dichloropropene-	10.58	79	77454	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.92%
39) 2-Hexanone-d5	10.93	63	47783	35.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124119	19.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	221879	24.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.28%

Target Compounds					Ovalue
13) Acetone	4.16	43	3272	2.234 ug/L	80
14) Carbon disulfide	4.39	76	9271m	0.342 ug/L	
16) Methylene chloride	4.92	84	17217	1.576 ug/L	98

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

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