

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091720\
 Data File : VW016571.D
 Acq On : 17 Sep 2020 13:37
 Operator : SY/VA
 Sample : L4024-12
 Misc : 5.80G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3J8

Quant Time: Sep 18 02:00:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 01:46:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	647506	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	537510	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	223564	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	156183	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.68%
7) Chloroethane-d5	2.90	69	125597	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.16%
10) 1,1-Dichloroethene-d2	4.03	63	247757	17.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.72%
20) 2-Butanone-d5	7.09	46	62819	36.76	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.52%
24) Chloroform-d	7.65	84	324124	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	8.31	65	161084	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.68%
29) Benzene-d6	8.28	84	642354	26.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.60%
33) 1,2-Dichloropropane-d6	9.28	67	172833	26.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.84%
37) Toluene-d8	10.33	98	596471	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.60%
38) trans-1,3-Dichloropropene-	10.58	79	75412	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.60%
39) 2-Hexanone-d5	10.93	63	50089	42.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120435	21.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	175047	24.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.04%

Target Compounds

					Ovalue
13) Acetone	4.15	43	7287	5.444	ug/L 100
14) Carbon disulfide	4.40	76	6655	0.269	ug/L 98
16) Methylene chloride	4.93	84	28951	2.899	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	9487	1.077	ug/L 91
34) Benzene	8.33	78	182739	6.343	ug/L 100
35) Trichloroethene	9.09	95	2095	0.251	ug/L 96

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

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