

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016612.D
 Acq On : 22 Sep 2020 15:54
 Operator : SY/VA
 Sample : L4109-03
 Misc : 6.28G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W7

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 3:16:09 PM

Quant Time: Sep 23 08:14:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	635402	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	572200	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	285172	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	168660	27.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.68%
7) Chloroethane-d5	2.90	69	146790	29.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.92%
10) 1,1-Dichloroethene-d2	4.03	63	303102	22.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.16%
20) 2-Butanone-d5	7.09	46	76476	45.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.22%
24) Chloroform-d	7.65	84	374478m	28.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.68%
26) 1,2-Dichloroethane-d4	8.31	65	194789	28.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.20%
29) Benzene-d6	8.28	84	738202	28.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.08%
33) 1,2-Dichloropropane-d6	9.28	67	204393	29.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.56%
37) Toluene-d8	10.33	98	710189	28.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.52%
38) trans-1,3-Dichloropropene-	10.58	79	89998	25.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.68%
39) 2-Hexanone-d5	10.93	63	62730	49.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151395	25.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	258898	28.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.37	62	3368	0.397	ug/L #	1
12) 1,1-Dichloroethene	4.06	96	80773	10.036	ug/L #	55
13) Acetone	4.15	43	8866	6.750	ug/L	95
14) Carbon disulfide	4.40	76	6161	0.254	ug/L	97
16) Methylene chloride	4.93	84	50843	5.188	ug/L	97
18) trans-1,2-Dichloroethene	5.45	96	3372	0.405	ug/L	96
19) 1,1-Dichloroethane	6.23	63	63958	4.852	ug/L	99
22) cis-1,2-Dichloroethene	7.18	96	783359	90.583	ug/L	98
30) Cyclohexane	7.96	56	52855	4.227	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	1098405	82.193	ug/L	100
44) Toluene	10.39	91	8836105	256.220	ug/L	92
52) Chlorobenzene	11.66	112	12523	0.541	ug/L	96
53) Ethylbenzene	11.73	91	196005	5.006	ug/L	97
54) m,p-Xylene	11.84	106	287602	18.759	ug/L	99
55) o-xylene	12.17	106	153999	10.485	ug/L	94
57) Isopropylbenzene	12.47	105	44032	1.097	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	7713	0.465	ug/L #	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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