

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016676.D
 Acq On : 28 Sep 2020 18:29
 Operator : SY/VA
 Sample : L4109-19
 Misc : 6.32G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Z0

Manual Integrations
 APPROVED

MMDadoda
 9/30/2020 1:23:58 PM

Quant Time: Sep 29 21:56:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	681833	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	558794	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	208231m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	148253	22.46	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
7) Chloroethane-d5	2.89	69	88236	16.37	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.48%
10) 1,1-Dichloroethene-d2	4.03	63	208426	14.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.52%
20) 2-Butanone-d5	7.07	46	62374	34.66	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.32%
24) Chloroform-d	7.65	84	352703	24.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.92%
26) 1,2-Dichloroethane-d4	8.31	65	161021	21.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.96%
29) Benzene-d6	8.27	84	663774	26.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.96%
33) 1,2-Dichloropropane-d6	9.27	67	200035	29.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.80%
37) Toluene-d8	10.33	98	1313077	53.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	213.04%#
38) trans-1,3-Dichloropropene-	10.58	79	72146	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.28%
39) 2-Hexanone-d5	10.93	63	65437	52.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137140	23.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	159729	24.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	4.40	76	15478	0.594	ug/L #	92
30) Cyclohexane	7.96	56	3762471	308.115	ug/L	94
36) Methylcyclohexane	9.34	83	1207776	82.172	ug/L #	76
44) Toluene	10.39	91	72206	2.144	ug/L	98
52) Chlorobenzene	11.66	112	669717	29.605	ug/L	98
53) Ethylbenzene	11.73	91	139817	3.657	ug/L	98
54) m,p-Xylene	11.84	106	204436	13.654	ug/L	97
55) o-xylene	12.17	106	25505	1.778	ug/L	95
57) Isopropylbenzene	12.47	105	171614	4.379	ug/L #	92
63) 1,3-Dichlorobenzene	13.50	146	1497367	110.555	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	6221773	469.072	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	640207	52.900	ug/L #	91
68) 1,2,4-trichlorobenzene	15.14	180	18603612	2321.676	ug/L #	93
70) 1,2,3-Trichlorobenzene	15.56	180	4762854	691.108	ug/L	98

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

