

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016709.D
 Acq On : 30 Sep 2020 13:17
 Operator : SY/VA
 Sample : L4171-15
 Misc : 6.46G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y5

Quant Time: Oct 05 02:14:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 04:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	652298	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	532130	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200957	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	123977	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.56%
7) Chloroethane-d5	2.90	69	113865	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.36%
10) 1,1-Dichloroethene-d2	4.03	63	199237	14.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.44%
20) 2-Butanone-d5	7.09	46	59118	34.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.68%
24) Chloroform-d	7.65	84	316931	23.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	8.31	65	153398	21.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.60%
29) Benzene-d6	8.28	84	617274	25.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.44%
33) 1,2-Dichloropropane-d6	9.28	67	185743	28.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.88%
37) Toluene-d8	10.33	98	1625864	69.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	277.00%#
38) trans-1,3-Dichloropropene-	10.59	79	67274	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.56%
39) 2-Hexanone-d5	10.93	63	56312	47.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114043	20.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	151618	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	35909	26.630	ug/L	86
30) Cyclohexane	7.96	56	371628	31.958	ug/L	97
36) Methylcyclohexane	9.34	83	664747	47.493	ug/L #	47
52) Chlorobenzene	11.66	112	2961784	137.485	ug/L	99
53) Ethylbenzene	11.73	91	65894	1.810	ug/L	96
54) m,p-Xylene	11.84	106	36511	2.561	ug/L	99
55) o-xylene	12.17	106	6365	0.466	ug/L	97
57) Isopropylbenzene	12.47	105	108699	2.912	ug/L #	92
63) 1,3-Dichlorobenzene	13.50	146	1097730	83.982	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	1040998	81.324	ug/L	90
65) 1,2-Dichlorobenzene	13.87	146	52699	4.512	ug/L #	17
68) 1,2,4-trichlorobenzene	15.13	180	128888	16.667	ug/L #	1

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

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