

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016664.D
 Acq On : 28 Sep 2020 13:02
 Operator : SY/VA
 Sample : L4171-03
 Misc : 6.05G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y0

Quant Time: Sep 29 06:04:10 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	8.85	114	80464	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	68035	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	26959	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	16601	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.24%
7) Chloroethane-d5	2.90	69	16338	25.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.76%
10) 1,1-Dichloroethene-d2	4.03	63	26538	15.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.96%
20) 2-Butanone-d5	7.09	46	8295	39.06	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.12%
24) Chloroform-d	7.66	84	40115	23.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	8.31	65	20597	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.36%
29) Benzene-d6	8.28	84	77373	25.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.44%
33) 1,2-Dichloropropane-d6	9.28	67	22236	26.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.56%
37) Toluene-d8	10.33	98	70794	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.32%
38) trans-1,3-Dichloropropene-	10.58	79	8275	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.40%
39) 2-Hexanone-d5	10.93	63	5493	36.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	14826	21.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	22206	25.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	2641	15.877	ug/L	87
16) Methylene chloride	4.93	84	3825	3.082	ug/L	91
44) Toluene	10.39	91	1704	0.416	ug/L	83
52) Chlorobenzene	11.66	112	5921	2.150	ug/L	93
53) Ethylbenzene	11.73	91	1556	0.334	ug/L	89
54) m,p-Xylene	11.85	106	483	0.265	ug/L	78
57) Isopropylbenzene	12.47	105	1797	0.377	ug/L #	72
63) 1,3-Dichlorobenzene	13.50	146	66448	37.894	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	19980	11.635	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	4161	2.656	ug/L	87
68) 1,2,4-trichlorobenzene	15.13	180	168466	162.390	ug/L	96

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

