

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032620\
 Data File : VW015148.D
 Acq On : 26 Mar 2020 14:16
 Operator : SY/VA
 Sample : L2045-02RE
 Misc : 8.25G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB9RE

Quant Time: Mar 27 01:50:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 01:00:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	223164	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	103307	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	16974	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132737	34.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	137.80%
7) Chloroethane-d5	2.89	69	121477	38.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	152.88%#
10) 1,1-Dichloroethene-d2	4.01	63	143859	18.57	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.28%
20) 2-Butanone-d5	7.08	46	42911	48.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.84%
24) Chloroform-d	7.64	84	179256	26.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.52%
26) 1,2-Dichloroethane-d4	8.31	65	106129	27.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.92%
29) Benzene-d6	8.27	84	313497	47.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	189.64%#
33) 1,2-Dichloropropane-d6	9.27	67	108032	49.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	196.72%#
37) Toluene-d8	10.32	98	164794	29.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.96%
38) trans-1,3-Dichloropropene-	10.57	79	30230	35.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	143.84%#
39) 2-Hexanone-d5	10.93	63	24391	75.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.36%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34547	23.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	11664	19.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	100026	127.756	ug/L	99
14) Carbon disulfide	4.37	76	15241	1.240	ug/L	98
16) Methylene chloride	4.92	84	16140	4.231	ug/L	95
21) 2-Butanone	7.17	43	46084	41.557	ug/L	95
34) Benzene	8.32	78	5171	0.677	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	43188	36.218	ug/L	97
44) Toluene	10.38	91	66164	8.755	ug/L	98
53) Ethylbenzene	11.73	91	8580	1.051	ug/L	92
54) m,p-Xylene	11.83	106	5948	2.079	ug/L	86
55) o-xylene	12.17	106	2391	0.891	ug/L	71

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

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