

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052720\
 Data File : VW015508.D
 Acq On : 27 May 2020 16:45
 Operator : SY/VA
 Sample : L2753-03RE
 Misc : 6.61G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXE4RE

Quant Time: May 28 03:22:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 28 01:49:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	310633	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	229096	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	62363	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	80219	28.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.72%
7) Chloroethane-d5	2.89	69	74927	26.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.88%
10) 1,1-Dichloroethene-d2	4.01	63	117846	16.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.96%
20) 2-Butanone-d5	7.08	46	49706	53.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.96%
24) Chloroform-d	7.65	84	171279	23.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	8.31	65	103718	25.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.80%
29) Benzene-d6	8.27	84	329475	29.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.28%
33) 1,2-Dichloropropane-d6	9.27	67	105095	30.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.12%#
37) Toluene-d8	10.32	98	280899	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.88%
38) trans-1,3-Dichloropropene-	10.58	79	41362	26.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.76%
39) 2-Hexanone-d5	10.93	63	42059	71.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.30%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76529	29.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	48175	23.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	43111	60.003	ug/L	99
16) Methylene chloride	4.91	84	6048	1.586	ug/L	95
21) 2-Butanone	7.18	43	9238	8.370	ug/L	92
22) cis-1,2-Dichloroethene	7.17	96	59336	14.329	ug/L	99
34) Benzene	8.32	78	10417	0.813	ug/L	100
35) Trichloroethene	9.09	95	49531	14.393	ug/L	99
44) Toluene	10.39	91	18294	1.311	ug/L	96
47) Tetrachloroethene	10.86	164	2432339	891.624	ug/L	95
54) m,p-Xylene	11.84	106	6881	1.144	ug/L	99
55) o-xylene	12.16	106	2856	0.500	ug/L	96

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

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