

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111920\
 Data File : VW017385.D
 Acq On : 19 Nov 2020 21:36
 Operator : SY/VA
 Sample : L4751-23
 Misc : 5.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AY6

Quant Time: Nov 20 04:38:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 20 04:37:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	305	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	617	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	535	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
7) Chloroethane-d5	3.07	69	52	14.50	ug/L	0.18
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.00%
10) 1,1-Dichloroethene-d2	0.00	63	0	0.00	ug/L	
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.00%#
20) 2-Butanone-d5	7.12	46	277	373.54	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	747.08%#
24) Chloroform-d	0.00	84	0	0.00	ug/L	
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	8.30	65	74	19.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.44%
29) Benzene-d6	8.28	84	102	2.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	11.72%#
33) 1,2-Dichloropropane-d6	0.00	67	0	0.00	ug/L	
Spiked Amount	25.000	Range	70 - 120	Recovery	=	0.00%#
37) Toluene-d8	10.32	98	641	19.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.32%
38) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.00%#
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	45	6.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	25.64%#
61) 1,2-Dichlorobenzene-d4	13.86	152	436	22.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.34	50	71	23.040	ug/L #	42
8) Chloroethane	2.98	64	29	10.237	ug/L #	42
13) Acetone	4.13	43	93	171.891	ug/L	55
15) Methyl Acetate	4.92	43	77	64.983	ug/L #	45
16) Methylene chloride	4.92	84	13535	2594.398	ug/L	97
21) 2-Butanone	7.14	43	780	940.432	ug/L	81
25) Chloroform	7.68	83	314	42.722	ug/L #	75
32) Carbon tetrachloride	8.25	117	710	51.517	ug/L #	8
34) Benzene	8.52	78	52	1.492	ug/L	100
36) Methylcyclohexane	9.64	83	42	2.666	ug/L #	20
41) Bromodichloromethane	9.64	83	42	3.793	ug/L #	26
43) 4-Methyl-2-pentanone	10.22	43	297	75.897	ug/L #	60
44) Toluene	10.40	91	160	4.138	ug/L	83
45) trans-1,3-Dichloropropene	10.70	75	472	45.527	ug/L #	43
46) 1,1,2-Trichloroethane	10.70	97	353	56.834	ug/L #	16
49) 2-Hexanone	11.07	43	111	47.129	ug/L #	34
53) Ethylbenzene	11.84	91	108	2.491	ug/L #	45

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) Isopropylbenzene	12.61	105	86	1.981	ug/L #	1
59) 1,2,3-Trichloropropane	12.94	75	396	81.508	ug/L #	41
63) 1,3-Dichlorobenzene	13.58	146	147	4.216	ug/L #	29
64) 1,4-Dichlorobenzene	13.58	146	147	4.273	ug/L #	25
65) 1,2-Dichlorobenzene	13.58	146	147	4.851	ug/L #	26
67) 1,3,5-Trichlorobenzene	14.63	180	113	4.455	ug/L #	18

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

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