

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061120\
 Data File : VW015583.D
 Acq On : 11 Jun 2020 12:43
 Operator : SY/VA
 Sample : L2959-07
 Misc : 5.41G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K1

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:44:18 PM

Quant Time: Jun 12 05:50:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:02:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	324081	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	247756	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	79707	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112109	37.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	151.00%#
7) Chloroethane-d5	2.90	69	88198	29.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.44%
10) 1,1-Dichloroethene-d2	4.01	63	156068	21.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.28%
20) 2-Butanone-d5	7.09	46	49089	50.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.26%
24) Chloroform-d	7.65	84	194903	26.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	8.31	65	110054	26.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.60%
29) Benzene-d6	8.28	84	384319	31.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.52%
33) 1,2-Dichloropropane-d6	9.27	67	110832	30.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.08%#
37) Toluene-d8	10.32	98	321621	27.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.92%
38) trans-1,3-Dichloropropene-	10.58	79	46113	27.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.00%
39) 2-Hexanone-d5	10.93	63	36894	57.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68975	24.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	64002	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	78615	104.878	ug/L	100
14) Carbon disulfide	4.38	76	4870	0.378	ug/L #	90
16) Methylene chloride	4.91	84	6369m	1.601	ug/L	
21) 2-Butanone	7.18	43	45366	39.397	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	3696	0.856	ug/L	93
34) Benzene	8.33	78	22883	1.652	ug/L	100
35) Trichloroethene	9.09	95	7467	2.006	ug/L	97
44) Toluene	10.39	91	205985	13.646	ug/L	96
47) Tetrachloroethene	10.87	164	24889	8.436	ug/L	97
53) Ethylbenzene	11.73	91	71371	4.118	ug/L	99
54) m,p-Xylene	11.83	106	52326	8.045	ug/L	97
55) o-xylene	12.17	106	20025	3.244	ug/L	100
56) Styrene	12.18	104	9446	0.895	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	10757	2.251	ug/L #	82
68) 1,2,4-trichlorobenzene	15.13	180	3310	1.217	ug/L #	32

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

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