

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\
 Data File : VW010834.D
 Acq On : 17 Jun 2019 18:12
 Operator : SY/VA
 Sample : K3363-07
 Misc : 3.39G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0JX0

Quant Time: Jun 18 08:04:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 05:48:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	128175	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	46037	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	3678	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	43680	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
7) Chloroethane-d5	2.88	69	41269	29.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.60%
10) 1,1-Dichloroethene-d2	4.01	63	65727	16.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.92%
20) 2-Butanone-d5	7.08	46	61105	83.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	166.86%#
24) Chloroform-d	7.65	84	64955	24.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	8.31	65	55482	25.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.44%
29) Benzene-d6	8.27	84	160651	58.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	233.80%#
33) 1,2-Dichloropropane-d6	9.27	67	68811	78.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	312.12%#
37) Toluene-d8	10.32	98	78780	31.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	127.60%
38) trans-1,3-Dichloropropene-	10.58	79	9175	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.92%
39) 2-Hexanone-d5	10.93	63	30415	144.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	288.72%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	57932	77.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	310.24%#
61) 1,2-Dichlorobenzene-d4	13.86	152	5847	41.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	167.04%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.36	62	7363	3.518	ug/L #	81
12) 1,1-Dichloroethene	4.04	96	4497	3.017	ug/L #	1
16) Methylene chloride	4.92	84	9517	5.411	ug/L	96
18) trans-1,2-Dichloroethene	5.43	96	117226	70.543	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	2773273	1466.602	ug/L	98
34) Benzene	8.32	78	11358	4.011	ug/L	100
35) Trichloroethene	9.09	95	2622620	3614.171	ug/L	99
44) Toluene	10.39	91	78479	26.462	ug/L	97
47) Tetrachloroethene	10.86	164	725	1.333	ug/L	88
53) Ethylbenzene	11.73	91	3406	1.003	ug/L	95
54) m,p-Xylene	11.84	106	3251	2.658	ug/L	97
55) o-xylene	12.17	106	1593	1.343	ug/L	82

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

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