Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
Data File : VW013082.D
Acq On : 17 Sep 2019 11:45
Operator : SY/VA
Sample : K4666-12
Misc : 4.88G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PL-02-091619

Quant Time: Sep 18 05:31:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	41	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.84	114	125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	111	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-13.55
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	24	63.38	ug/l	0.02
Spiked Amount 50.000			Recovery = 126.76%			
35) Dibromofluoromethane	7.87	113	26	38.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.66%			
50) Toluene-d8	10.33	98	86	32.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.80%			
62) 4-Bromofluorobenzene	12.63	95	63	66.01	ug/l	0.02
Spiked Amount 50.000			Recovery = 132.02%			
Target Compounds						Qvalue
3) Chloromethane	2.20	50	135	752.456	ug/l #	41
5) Bromomethane	3.06	94	20	111.598	ug/l #	1
6) Chloroethane	2.99	64	23	127.787	ug/l #	42
11) Tert butyl alcohol	5.45	59	19	789.534	ug/l #	72
12) 1,1-Dichloroethene	3.95	96	78	275.613	ug/l #	1
14) Allyl chloride	4.69	41	88	163.792	ug/l #	23
15) Acrylonitrile	5.41	53	26	317.684	ug/l #	17
16) Acetone	4.14	43	74	955.808	ug/l #	47
17) Carbon Disulfide	4.48	76	36	63.832	ug/l #	1
18) Methyl Acetate	4.62	43	46	213.226	ug/l #	53
19) Methyl tert-butyl Ether	5.45	73	49	87.713	ug/l #	56
20) Methylene Chloride	4.91	84	25	85.392	ug/l #	22
21) trans-1,2-Dichloroethene	5.25	96	27	89.077	ug/l #	1
22) Diisopropyl ether	6.35	45	20	17.919	ug/l #	36
23) Vinyl Acetate	6.31	43	59	88.258	ug/l #	76
25) 2-Butanone	7.24	43	61	506.618	ug/l #	53
27) cis-1,2-Dichloroethene	6.97	96	49	135.028	ug/l #	14
28) Bromochloromethane	7.57	49	49	180.905	ug/l #	14
29) Tetrahydrofuran	7.57	42	22	320.675	ug/l #	37
30) Chloroform	7.98	83	46	70.350	ug/l #	17
31) Cyclohexane	7.98	56	27	56.439	ug/l #	18
32) 1,1,1-Trichloroethane	7.82	97	19	35.285	ug/l #	23
36) 1,1-Dichloropropene	8.18	75	67	67.077	ug/l #	43
37) Ethyl Acetate	7.24	43	61	115.055	ug/l #	71
40) Benzene	8.35	78	92	32.993	ug/l #	51
41) Methacrylonitrile	7.51	41	19	54.419	ug/l #	1
42) 1,2-Dichloroethane	8.30	62	28	29.954	ug/l #	76
43) Isopropyl Acetate	8.46	43	86	84.482	ug/l #	53
45) 1,2-Dichloropropane	9.18	63	20	26.996	ug/l #	44
46) Dibromomethane	9.32	93	33	92.973	ug/l #	2
48) Methyl methacrylate	9.45	41	36	75.353	ug/l #	1
51) 4-Methyl-2-Pentanone	10.23	43	23	43.763	ug/l #	38
52) Toluene	10.27	92	23	12.980	ug/l #	1
53) t-1,3-Dichloropropene	10.36	75	47	46.939	ug/l #	44

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) 1,1,2-Trichloroethane	10.86	97	50	92.470	ug/l	#	15
57) 1,3-Dichloropropane	10.79	76	20	20.851	ug/l	#	43
58) 2-Chloroethyl Vinyl ether	9.91	63	78	199.782	ug/l	#	47
59) 2-Hexanone	10.89	43	89	243.204	ug/l		88
60) Dibromochloromethane	11.01	129	22	33.653	ug/l	#	12
68) m/p-Xylenes	12.02	106	19	14.243	ug/l	#	1
69) o-Xylene	12.02	106	19	15.192	ug/l	#	1
70) Styrene	12.19	104	67	30.116	ug/l	#	25
71) Bromoform	12.35	173	21	52.765	ug/l	#	29

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

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