Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
Data File : VW012430.D
Acq On : 01 Sep 2019 05:48
Operator : SY/VA
Sample : K4516-08
Misc : 7.25G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : T1-S-E-(0)

Quant Time: Sep 01 06:40:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	1548	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.85	114	1528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	1357	73.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 147.48%			
35) Dibromofluoromethane	7.88	113	928	101.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 203.50%			
50) Toluene-d8	10.33	98	1150	31.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 62.20%			
62) 4-Bromofluorobenzene	12.63	95	183	14.04	ug/l	0.02
Spiked Amount 50.000			Recovery = 28.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.98	85	21	2.203	ug/l #	43
3) Chloromethane	2.20	50	78	5.282	ug/l #	25
4) Vinyl Chloride	2.35	62	19	1.051	ug/l #	23
5) Bromomethane	2.77	94	26	2.840	ug/l #	4
6) Chloroethane	2.96	64	97	9.513	ug/l #	45
9) 1,1,2-Trichlorotrifluoroet	4.10	101	22	1.426	ug/l #	20
11) Tert butyl alcohol	5.06	59	20	18.060	ug/l #	71
12) 1,1-Dichloroethene	4.09	96	31	1.997	ug/l #	1
13) Acrolein	3.83	56	42	40.290	ug/l #	15
15) Acrylonitrile	5.26	53	72	16.862	ug/l #	17
16) Acetone	4.12	43	474	100.767	ug/l #	47
18) Methyl Acetate	4.69	43	42	3.605	ug/l #	23
19) Methyl tert-butyl Ether	5.37	73	55	2.190	ug/l #	52
20) Methylene Chloride	4.92	84	574	32.279	ug/l #	57
21) trans-1,2-Dichloroethene	5.33	96	22	1.321	ug/l #	1
23) Vinyl Acetate	6.30	43	79	2.086	ug/l #	77
25) 2-Butanone	7.20	43	22	3.442	ug/l #	56
27) cis-1,2-Dichloroethene	7.02	96	27	1.518	ug/l #	1
28) Bromochloromethane	7.62	49	23	1.575	ug/l #	24
29) Tetrahydrofuran	7.49	42	20	5.215	ug/l #	42
30) Chloroform	7.54	83	41	1.338	ug/l #	19
31) Cyclohexane	7.94	56	65	1.961	ug/l #	21
36) 1,1-Dichloropropene	8.13	75	22	1.393	ug/l #	44
37) Ethyl Acetate	7.26	43	22	2.543	ug/l #	73
38) Carbon Tetrachloride	7.95	117	123	9.000	ug/l #	12
41) Methacrylonitrile	7.49	41	20	3.933	ug/l #	27
42) 1,2-Dichloroethane	8.40	62	22	1.628	ug/l #	1
43) Isopropyl Acetate	8.41	43	48	2.995	ug/l #	55
47) Bromodichloromethane	9.89	83	45	3.275	ug/l #	26
48) Methyl methacrylate	9.44	41	19	2.491	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	20	2.453	ug/l #	40
54) cis-1,3-Dichloropropene	10.27	75	22	1.302	ug/l #	28
58) 2-Chloroethyl Vinyl ether	10.04	63	21	3.849	ug/l #	50
59) 2-Hexanone	11.01	43	104	18.030	ug/l	75

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
61) 1,2-Dibromoethane	11.25	107	21	3.086	ug/l	#	3
65) Chlorobenzene	11.83	112	19	1.197	ug/l	#	42
68) m/p-Xylenes	11.74	106	30	2.724	ug/l	#	1
70) Styrene	12.44	104	19	1.077	ug/l	#	25
74) N-amyl acetate	12.25	43	48	11.650	ug/l	#	23
75) 1,1,2,2-Tetrachloroethane	12.73	83	20	7.999	ug/l	#	26
76) 1,2,3-Trichloropropane	12.80	75	24	13.540	ug/l	#	100
77) Bromobenzene	12.55	156	19	6.440	ug/l	#	1
80) 1,3,5-Trimethylbenzene	12.91	105	21	1.843	ug/l	#	29
81) trans-1,4-Dichloro-2-buten	12.62	75	94	116.272	ug/l	#	6
92) 1,2-Dibromo-3-Chloropropan	14.57	75	25	59.314	ug/l	#	5
96) 1,2,3-Trichlorobenzene	15.74	180	19	6.225	ug/l	#	13

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

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