Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
Data File : VY000698.D
Acq On : 15 Nov 2019 14:07
Operator : SY/MD
Sample : K5861-06
Misc : 4.65G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EP-6

Quant Time: Nov 16 02:31:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	26	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.70	114	591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.41	152	164	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	175	650.40	ug/l	0.00
Spiked Amount 50.000			Recovery	= 1300.80%		
35) Dibromofluoromethane	7.53	113	21	6.05	ug/l	-0.20
Spiked Amount 50.000			Recovery	= 12.10%		
50) Toluene-d8	10.19	98	523	39.73	ug/l	0.00
Spiked Amount 50.000			Recovery	= 79.46%		
62) 4-Bromofluorobenzene	12.46	95	139	27.73	ug/l	-0.02
Spiked Amount 50.000			Recovery	= 55.46%		
Target Compounds						Qvalue
3) Chloromethane	2.10	50	201	570.089	ug/l #	43
8) Diethyl Ether	3.68	74	23	146.394	ug/l #	4
13) Acrolein	3.78	56	19	832.800	ug/l #	14
14) Allyl chloride	4.45	41	20	47.359	ug/l #	24
15) Acrylonitrile	4.99	53	45	559.127	ug/l #	18
16) Acetone	3.94	43	23	310.150	ug/l #	42
18) Methyl Acetate	4.53	43	47	203.833	ug/l #	51
20) Methylene Chloride	4.46	84	35	110.147	ug/l #	6
23) Vinyl Acetate	6.32	43	49	84.566	ug/l #	74
25) 2-Butanone	7.24	43	65	549.214	ug/l #	49
31) Cyclohexane	7.88	56	29	55.681	ug/l #	15
37) Ethyl Acetate	7.24	43	65	19.596	ug/l #	70
39) Methylcyclohexane	9.28	83	19	2.632	ug/l #	20
41) Methacrylonitrile	7.16	41	22	11.889	ug/l #	7
43) Isopropyl Acetate	8.39	43	45	7.222	ug/l #	1
47) Bromodichloromethane	9.28	83	19	3.612	ug/l #	24
48) Methyl methacrylate	9.33	41	122	44.812	ug/l #	31
51) 4-Methyl-2-Pentanone	10.13	43	48	14.489	ug/l #	37
55) 1,1,2-Trichloroethane	10.58	97	19	5.925	ug/l #	14
56) Ethyl methacrylate	10.49	69	19	4.180	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.85	63	23	11.193	ug/l #	47
59) 2-Hexanone	10.84	43	21	8.700	ug/l #	24
65) Chlorobenzene	11.50	112	22	2.261	ug/l #	43
67) Ethyl Benzene	11.58	91	25	1.396	ug/l #	43
71) Bromoform	12.00	173	69	35.543	ug/l #	28
73) Isopropylbenzene	12.27	105	63	5.198	ug/l	78
74) N-amyl acetate	12.13	43	397	114.363	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.61	83	112	46.668	ug/l #	25
78) n-propylbenzene	12.68	91	220	15.043	ug/l #	53
79) 2-Chlorotoluene	12.76	91	121	14.903	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.70	105	49	4.854	ug/l	81
81) trans-1,4-Dichloro-2-buten	12.17	75	27	32.419	ug/l #	13
82) 4-Chlorotoluene	12.85	91	357	42.419	ug/l #	39
83) tert-Butylbenzene	13.04	119	44	5.105	ug/l #	1

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84) 1,2,4-Trimethylbenzene	13.11	105	58	5.771	ug/l	#	30
85) sec-Butylbenzene	13.24	105	28	2.280	ug/l	#	56
86) p-Isopropyltoluene	13.38	119	107	9.776	ug/l	#	1
87) 1,3-Dichlorobenzene	13.27	146	19	3.529	ug/l	#	1
88) 1,4-Dichlorobenzene	13.27	146	19	3.532	ug/l	#	1
89) n-Butylbenzene	13.69	91	139	12.877	ug/l	#	33
90) Hexachloroethane	13.94	117	89	43.987	ug/l	#	14
92) 1,2-Dibromo-3-Chloropropan	14.27	75	49	115.365	ug/l	#	1
95) Naphthalene	15.23	128	195	26.410	ug/l	#	1
96) 1,2,3-Trichlorobenzene	15.31	180	57	19.102	ug/l	#	1

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

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